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Alcohol & Other Drugs

Compiled by:

Gary Timoshenko

Minh Van Truong

and Bob Williams

ARF Addiction Foundation to the recharcher foundation sur la toxicomanie



# Profile Profile

Alcohol & Other Drugs

1996

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A joint publication of the Addiction Research Foundation and the Canadian Centre on Substance Abuse

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Preface			
1 TCTacc			

Over the years, the Addiction Research Foundation has had to meet a growing demand for statistical information on the prevalence of substance abuse and its associated problems. While a wide variety of data is routinely collected in Ontario, it is often not published and certainly not contained in a single data source.

The Statistical Information Service was created to facilitate the compilation and dissemination of this data so that researchers, policy makers, planners, and other interested groups would have access to the most current information available. This is the third edition of the Ontario Profile, a continuation of a series of publications originally started in 1978 under the title Statistical Supplement to the Annual Report of the Addiction Research Foundation. A complete listing of the previous reports is in the previous pages.

As the title suggests this volume contains both alcohol and other drug-related statistical data for the province of Ontario. (The associated publication Canadian Profile - Alcohol, Tobacco, and Other Drugs, 1996, produced jointly with the Canadian Centre on Substance Abuse, contains data for Canada by province.) While no single publication could possibly include all of the data available on substance abuse, the Ontario Profile is the most comprehensive compilation of provincial substance abuse data in Ontario. Data in this report have been compiled from a variety of sources and while they have been verified to eliminate errors, any limitations that existed in the original data will be repeated in this volume.

### Acknowledgements \_

While this compilation has benefitted from the assistance and suggestions of many individuals, special thanks are given to: Mary Chan, Director, Information Service Department for her encouragement and patience; members of the advisory committee for their comments and suggestions; Julie Drake, for editing; all the individuals in Marketing, Creative Services and Printing who provided their assistance in putting this publication together; and finally, to all the individuals and agencies who have made their data available to us for compiling.

# Key To Symbols.

"-" zero or nil value

".." figures too small to be expressed

"n.a." figures not available

Percentages may not add up to 100% due to rounding.

### Year Definitions:

Calendar Years:

Data for the 12 month period January 1 to December 31. Calendar years are denoted in the following manner:

1991 (covers January 1, 1991 to December 31, 1991) 1992 (covers January 1, 1992 to December 31, 1992)

**Fiscal Years:** 

In **all** cases data for fiscal years are for the period April 1 of the year specified to March 31 of the following year. Fiscal year data are denoted in the following manner:

1991-92 (covers April 1, 1991 to March 31, 1992) 1992-93 (covers April 1, 1992 to March 31, 1993)

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### Introduction

#### Overview

This report, Ontario Profile - Alcohol and Other Drugs, 1996 is the third report in this series and is intended to provide a general overview of recent trends regarding alcohol and other drug use and attendant problems in Ontario. It presents data from a variety of sources and subject areas including:

survey results; alcohol sales data; drinking and driving; legal statistics; hospital separations (both general and psychiatric); and mortality.

It is hoped that this publication together with other sources of information will aid in establishing a more thorough understanding of the extent of substance abuse in Ontario.

The source book is composed of five parts. Part I contains five chapters that provide an overview of data available at the provincial level. While the tables in this section provide greater detail in terms of the variables presented there is little or no regional breakdown of the data.

Part II forms the largest proportion of the report and contains data for Ontario at the county level. In general, the latest 2 years of available data have been presented. Part III contains the county rankings for selected variables plus maps showing the proportional rankings of the counties.

Part IV contains notes on sources, definitions and a description of any methods of calculation used in preparing the county data. The final section, Part V, provides a brief description of the diagnostic categories that have been included; the various legal offences and a note on rate calculation.

#### The Data

Users of this publication are reminded that no single number or statistic can provide a complete picture of the extent of substance use or problems related to consumption. All of the data sources are subject to limitations. The motivation behind a compilation of this nature is to provide access to an abundance of data from different sources, representing alternative measures of consumption and problems.

For example, results from surveys provide information about drinking patterns and demographics. Surveys however, are limited by sample size, the exclusion of hard to reach populations, and our own conscious or unconscious underestimation of alcohol usage. Estimates concerning alcohol consumption derived from sales data are subject to the constraints imposed by the conversion factors that have been employed in their calculation and provide no information regarding drinker characteristics or drinking behaviour.

## Introduction (Continued) .

Beyond actual characteristics of drinkers, information is required concerning other patterns of behaviour or problems. Morbidity, mortality, and legal data provide measures of consequences and social or health complications resulting from the use of alcohol or other drugs. However, these sources are equally prone to limitations.

Consider hospital morbidity data. This includes information regarding patients who were admitted to hospitals and treated primarily for specific alcohol or drug disorders. Not included are patients with other specific problems that may have been related to substance abuse. Nor is there an indicator of how many emergency room or doctor visits may be linked to problems resulting from substance abuse.

Similarly, legal data are subject to changes in police detection, enforcement patterns and methods. Hence, changes may not represent a change in prevalence of usage but a change in importance society has placed on that particular problem. In this case data for a number of years may be needed to provide a general indication of trends, free from year to year variations. In addition, only the most serious offence is actually counted, thus the occurrence of lesser offences may be under-represented.

A further complication involves rates that are calculated for counties that have a small population base. The occurrence of a relatively rare event in a county with a low population can cause dramatic changes in calculated rates.

Example: Total alcohol-related mortality in Haliburton county. Notice that difference between 1 death and 2 deaths not only doubles the rate in Haliburton, but also represents the difference between Haliburton being well above or below the provincial rate, which is relatively stable over the same time period.

Year	Total Population	Total Alcohol- Related Deaths	,	
	Haliburton	Haliburton	Haliburton	Province
1989	13,700	1	7.2	11.2
1990	14,500	2	13.7	10.3
1991	14,800	2	13.5	10.6

Introduction	(Concluded)	
	(	

While the data are less-than-perfect, it is nevertheless commonly used to indicate directly or indirectly present conditions with regard to substance abuse. The epidemiologist

...has to get what he can get from such sources as official statistics, which are usually prepared with an object different from his own. Such information is therefore rarely all that one could wish... But however incomplete the data may be, and however tangentially pertinent to his enquiry, the investigator must take what he can get and be thankful. (M.G. Kendall)<sup>1</sup>

Unfortunately, a report of this nature can only provide a small window on the material covered in the original documents. Users are reminded that while not all of the material reproduced in this report is from published sources, those that are published contain additional data and information that may also be useful.

G.U. Yule and M.G. Kendall, <u>An Introduction to the Theory of Statistics</u>, 14th ed. (New York: Hafner Publishing Co., 1956) p. xix.

Part I

# PROVINCIAL DATA

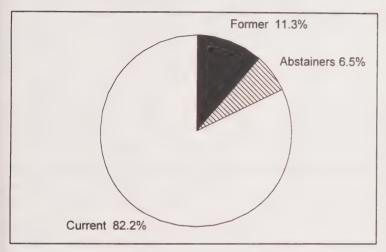
# **CHAPTER 1 ALCOHOL SURVEYS**

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# CHAPTER I ALCOHOL SURVEYS

Figure 1.1: Type of drinker adults aged 18+, Ontario, 1994



### Alcohol use among adults

In 1994, eight out of every ten (82.1%) Ontario adults aged 18 and over were current drinkers (i.e. drinking at least once during the 12 months before the survey). (See table 1.2 and figure 1.1) Of the total sample, 5.0% reported daily drinking, 4.4% reported consuming 15 or more drinks weekly, and 8.4% reported consuming five or more drinks on a single occasion on a weekly basis.

Men were only slightly more likely than women to be current drinkers (84.7% versus 79.8%). However, among the alcohol users, men were 2.2 times more likely to consume

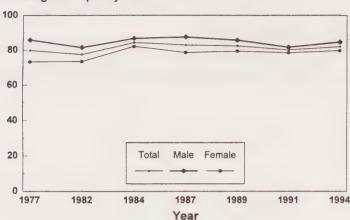
daily (8.5% versus 3.9%), 4.0 times more likely to consume 15 drinks or more a week (8.9% versus 2.2%) and 2.8 times more likely to consume five drinks or more in a single sitting weekly than women (15.4% versus 5.4%).

Young adults aged 18 to 29 were more likely to be current drinkers (86.0%) than any other age group. They were also more likely to be heavy drinkers (7.8% consumed 15 drinks or more a week, and 12.7% consumed five drinks or more in a single sitting weekly). Only 67.0% of seniors aged 65 or older were current drinkers. However, among drinkers, seniors were 7.5 times more likely than young adults to drink daily (15.1% versus 2.0%).

Marital status was significantly correlated with alcohol consumption. Respondents living with a partner reported the highest prevalence of drinking, (90.6%), while previously married people had the lowest prevalence, (76.8%). Overall, geographic region was weakly associated with prevalence, and family income and prevalence were not significantly correlated.

Figure 1.2: Alcohol use among adults, aged 18 or older, Ontario, 1977 to 1994

% using in the past year



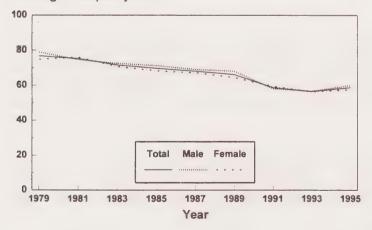
Between 1977 and 1994, the prevalence of alcohol use has fluctuated between a low of 77.6% in 1982 and a high of 84.5% in 1984 (see table 1.3 and figure 1.2). A trend analysis shows a small increasing net trend in drinking between these years. In the short term, alcohol use in past 12 months did not change significantly between 1991 and 1994 (80.3% versus 82.1%). Overall, the rates of current drinking did not change significantly between 1991 and 1994 for any of the selected characteristics of the population such as gender, age, marital status, region, education, and occupation.

### Alcohol use among high school students

The Addiction Research Foundation conducts a biennial survey of students in grades 7, 9, 11, and 13. The 1995 survey showed an increase in the percentage of students who drink from 56.5% in 1993 to 58.8% in 1995. This is first rise in the rate of drinking since 1979. The rate of drinking had dropped from 76.9% in 1979 to 56.5% in 1993 (see table 1.4; figure 1.3). Female students are slightly less likely than male students to be current drinkers. According to the 1995 survey, 57.6% of female students and 60.0% of male students reported alcohol use at least once in the previous year. Although the legal drinking age in Ontario is 19, students use alcohol as early as age 13 or in Grade 7. In fact, 31.0% of students aged 13 and under are current

Figure 1.3: Alcohol use among students, Ontario, 1979 to 1995

% using in the past year



drinkers. As age increases, so does usage. About 56.9% of students aged 14 to 15, 75.0% of those aged 16 to 17, and 78.2% aged 18 or older used alcohol at least once in the past 12 months. In terms of region, Toronto has a lowest percentage of current drinkers (51.2%) while the Eastern region has the highest (67.5%).

On average, 37.2% of students drank at least once a month and 8.7% drank at least once a week (see table 1.5). In general, female students drink casually more than males. About 51.3% of female students drank at most two to three times a month, compared with 48.6% of male students. However, male students drank more

often and were more likely to drink more than female students when they drank. About 11.2% of males consumed alcohol at least once a week, compared with 6.3% of females.

### Alcohol use among street youth

Street youth have a very high percentage of current drinkers. According to the survey, *Drifting and Doing:* Changes in Drug Use among Toronto Street Youth 1990-92, 95% of street youth were current drinkers (see

Figure 1.4: Alcohol use among "Street Youth", Toronto, 1992

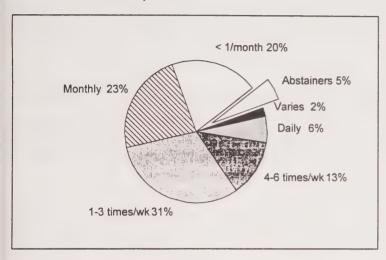


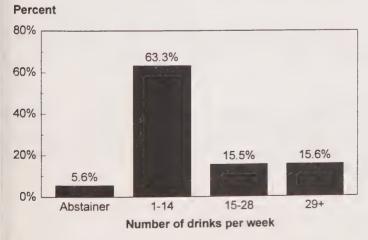
table 1.6; figure 1.4). In addition, 50% of street youth drank at least once a week, compared with 14% of Ontario high school students. Not only do street youth have a high prevalence of drinking, they also consume a large quantity of alcohol. On average, street youth drank 19.1 drinks during the past seven days. Also, 63% of street youth drank five or more drinks at a single sitting during the past four weeks. Male street youth (96%) are more likely than female street youth (90%) to be current drinkers. Male street youth also drink more often and are likely to consume more when they do drink. In the past year, 53% of male street youth aged 24 and under reported that they drank alcohol at least once a week, compared with 48% of their female counterparts. Also, young male

current drinkers consumed 19.8 drinks during the past seven days, compared with 13.3 drinks for young females.

### Alcohol use among university students

Nine out of ten (94.4%) Ontario university students were current drinkers according to a 1993 survey of Ontario university students (see table 1.7). Figure 1.5 shows the frequency of university student alcohol consumption per week. The majority of students (63.3%) drank between 1 and 14 drinks per week. Female

Figure 1.5: Frequency of university student alcohol consumption per week, Ontario 1993



students were as likely as male students to be current drinkers (94.5% versus respectively). However, male students were five times more likely than female students to be daily drinkers (3.1% of males versus 0.6% of females). The percentage of male students who consumed 15 or more drinks per week decreased as their year of study increased. About 32.6% of first-year students consumed 15 or more drinks per week, 29.5% of secondyear students, 27.0% of third-year students, and 23.1% of fourth-year students. The percentage of alcohol use among university students did not change significantly for characteristics such as age, grade, place of residence, or program of study.

### Attitudes and experiences with treatment of alcohol

Current drinkers were asked whether they had experienced problems related to alcohol use in the past 12 months. The commonly reported problems were: harm to physical health (9% of current drinkers reported this for the past 12 months); harmful effect on friendships or social life (5%); or financial position (5%); harm to home life or marriage (4%); and harm to work, studies or employment opportunities (4%). (See table 1.8)

Respondents who believed that they had problems with their drinking were asked the reasons why they believed this to be the case. The most common response is the amount they drank (45%). Other reasons included loss of control over how much they drank (17%); family problems (12%); and legal problems or pressure from family or friends (1%).

These respondents were also asked to indicate their reasons, if any, for not seeking help for a drinking problem. Almost all respondents (97%) believed that they could deal with it on their own. Thirty-two percent of respondents believed that their drinking was not causing many problems; 28% felt that treatment would involve too much time and effort; 15% believed that treatment would not help; and 12% did not know where to seek help.

### Public opinion on access control policy measures

When respondents were asked about levels of taxes on alcoholic beverages, beer and liquor store hours, and the legal drinking age, half to three-quarters of respondents supported maintaining existing policies (see table 1.9). There was only limited support for more liberal or conservative policies. For example, 19% wanted to increase the level of taxes on alcoholic beverages in Ontario, and 24% wanted to decrease. Only 11% believed that beer and liquor store hours should be increased and 8% believed that they should be decreased. About 27% favoured corner stores selling alcoholic beverages. However, 41% believed that the legal drinking age should be increased.

Women were generally more likely than men to prefer maintaining existing policies or to favor restrictions. or example, 47% of women wanted to raise the legal drinking age, compared with 37% of men. Similarly, only 16% of women favoured selling alcoholic beverages in corner stores compared to 38% of men. As respondents increase in age, they are more likely to support maintaining existing policies in terms of access control. When asked about beer and liquor store hours, 77% of respondents aged 18 to 34 wanted them to remain the same, compared with 83% aged 35 to 54, and 84% aged 55 or older. Seniors aged 55 or older generally supported either reduced availability or existing policies. For example, only 5% of seniors wanted to increase beer and liquor store hours.

Table 1.10 shows the attitudes toward access control measures for alcohol, by respondents' use of alcohol. Respondants who use more alcohol were in favour of less restrictive alcohol controls. When asked if taxes on alcoholic beverages should be increased, 49% of abstainers agreed compared to only 5% of "heavy" drinkers. A similar pattern held for all other questions.

### Public opinion on promotion controls and counter-promotions policy measures

About 49% of the total sample believed that government advertising against alcohol should be increased, while 40% believed that the current level of advertising was acceptable (see table 1.11). Only 11% preferred decreased government effort. A strong majority (78%) believed that alcoholic beverages should have warning labels about possible health hazards. However, opinion was quite split on whether the government should prohibit wine, liquor, and beer advertising on television (44% agreed). Approximately one-third (32.0%) of the respondents believed that the government should prohibit wine, liquor and beer companies from sponsoring sporting or cultural events.

Women were more likely than men to support government promotion controls of alcohol. When asked about government advertising against alcohol, 57% of women believed it should be increased, compared with 42% of men. About eight out of ten women (85%) believed that alcoholic beverages should have warning labels about possible health hazards, compared with 72% of men. A light majority (53%) of women believed that the government should prohibit wine, liquor, and beer advertising on television, while only 36% of men felt that way.

Among age groups, people aged 18 to 34 were most likely to support government action to promote control of alcohol. About 51.7% of this group wanted the government to increase advertising against alcohol. Furthermore, 80.6% of them believed that alcohol beverages should have warning labels about possible health hazards. However, this age group was least likely to support government action on counter-promotions control of alcohol such as prohibiting alcohol advertising. About 40.7% of this age group believed that the government should prohibit wine, liquor and beer advertising on TV compared to 48.6% of people aged 55 and over.

### References

Adlaf E.M., F.J. Ivis and R.G. Smart, <u>Alcohol and Other Drug Use among Ontario Adults in 1994 and changes since 1977</u> (Toronto: Addiction Research Foundation, 1994).

Adlaf E.M., F.J. Ivis, R.G. Smart, and G.W. Walsh, <u>Ontario Student Drug Use Survey</u>, 1977-1995 (Toronto: Addiction Research Foundation, 1995).

Adlaf E.M., R.G. Smart, G.W. Walsh, and Y.M. Zdanowicz, <u>Drifting and Doing: Changes in Drug Use Among Toronto Street Youth</u>, 1990-1992 (Toronto: Addiction Research Foundation, 1992).

Anglin L., <u>The Ontario Experience of Alcohol and Tobacco: New Focus on Accessibility, Violence and Mandatory Treatment - A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1995</u> (Toronto: Addiction Research Foundation, 1995).

Bondy S., <u>Attitudes and Experiences with Treatment of Alcohol and Tobacco Problems - A Report of the Ontario Alcohol and Other Drug Opinion Survey</u>, 1993 (Toronto: Addiction Research Foundation, 1994).

Ferris J., L. Templeton, and S. Wong, <u>Alcohol, Tobacco and Marijuana: Use, Norms, Problems a Report Attitude Among Ontario Adults - A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1992</u> (Toronto: Addiction Research Foundation, 1994).

Health and Welfare Canada, <u>Canada's Health Promotion Survey</u> (Ottawa: Health and Welfare Canada, 1988).

Health and Welfare Canada, <u>Canada's Health Promotion Survey 1990 - Technical report</u> (Ottawa: Health and Welfare Canada, 1993).

Health and Welfare Canada, National Alcohol and Other Drugs Survey (Ottawa: Health and Welfare Canada, 1990).

Health and Welfare Canada, <u>The Health of Canadians - Report of the Canada Health Survey</u> (Ottawa: Health and Welfare Canada, Catalogue 82-538E, June 1981).

Gliksman L., B. Newton-Taylor, E. Adlaf, D. Dewit, and N. Giesbrecht, <u>University Student Drug Use and Lifestyle Behaviours - Current Patterns and Changes from 1988 to 1993</u> (Toronto: Addiction Research Foundation, 1994).

Statistics Canada, Miller, W. "A Trend to a Healthier Lifestyle" in Canadian Social Trends, No. 24 - Spring 1992 (Ottawa: Statistics Canada, Catalogue 11-008, 1992).

Statistics Canada, <u>General Social Survey Analysis Series</u>, <u>Health and Social Support</u>, <u>1985</u> (Ottawa: Statistics Canada, Catalogue 11-612E, No.1, December 1987).

Table 1.1 Percentage reporting the consumption of alcohol in the past year, Ontario, 1977 to 1995

Year	Adult Survey	Current	Age
		Drinker <sub>1</sub>	Group
1977	Alcohol and Other Drug Llee Among Outside A L II		
1978-79	Alcohol and Other Drug Use Among Ontario Adults	79.9 %	18+
1982	Canada Health Survey	84.9	15+
2.25.000	Alcohol and Other Drug Use Among Ontario Adults	77.6	18+
1984	Alcohol and Other Drug Use Among Ontario Adults	84.5	18+
1985	Health Promotion Survey	85.2	15+
	General Social Survey	84.0	15+
1986	Canadian Gallup Poll	83.0	15+
1987	Alcohol and Other Drug Use Among Ontario Adults	83.1	18+
1989	Alcohol and Other Drug Use Among Ontario Adults	82.6	18+
	National Alcohol and Other Drugs Survey	77.6	15+
1990	Canada's Health Promotion Survey	83.0	15+
1991	Alcohol and Other Drug Use Among Ontario Adults	80.3	18+
	General Social Survey	74.4	15+
1992	Alcohol, Tobacco and Marijuana: Use, Norms, Problems and		
	Policy Attitudes among Ontario Adults	94.8	18+
1993	Attitudes and Experiences with Treatment of Alcohol and Tobacco Problems	83.0	18+
1994: ::::::::::::::::::::::::::::::::::	Alcohol and Other Drug Use Among Ontario Adults	82.1	18+
	Student Survey		
1981	The Ontario Student Drug Use Survey	75.3	13+
1983	The Ontario Student Drug Use Survey	71,7	13+
1985	The Ontario Student Drug Use Survey	69.8	13+
1987	The Ontario Student Drug Use Survey	68.1	13+
	The Ontario Student Drug Use Survey	66.2	13+
	The Ontario Student Drug Use Survey	58.7	13+
	The Ontario Student Drug Use Survey	56.5	13+
	University Student Drug Use and Lifestyle Behaviours	94.4	17+
	The Ontario Student Drug Use Survey	58.8	13+

<sup>1</sup> Current drinkers are defined as anyone who has used alcohol at least once during the 12 months before the survey.

Source: Health and Welfare Canada, The Health of Canadians - Report of the Canada Health Survey (Ottawa: Health and Welfare Canada, 82-538E, June 1981); Health and Welfare Canada, Canada's Health Promotion Survey (Ottawa: Health and Welfare, 1988); Statistics Canada, General Social Survey Analysis Series, Health and Social Support, 1985 (Ottawa: Statistics Canada, Catalogue 11-612E, No.1, December 1987); Health and Welfare Canada, National Alcohol and Other Drugs Survey (Ottawa: Health and Welfare Canada, 1990); Health and Welfare, Canada's Health Promotion Survey 1990 - Technical Report (Ottawa: Health and Welfare Canada, 1993); Statistics Canada, Millar, W. "A Trend to a Healthier Lifestyle" in Canadian Social Trends, No. 24 - Spring 1992 (Ottawa: Statistics Canada, Catalogue 11-008, 1992); Ferris J., L. Templeton, and S. Wong, Alcohol, Tobacco and Marijuana: Use, Norms, Problems and Policy Attitudes Among Ontario Adults - A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1992 (Toronto: Addiction Research Foundation, 1994); Bondy S., Attitudes and Experiences with Treatment of Alcohol and Tobbaco Problems a Report of the Ontario Alcohol and Drug Opinion Survey, 1993 (Toronto: Addiction Research Foundation): Adlaf E.M., F.J. Ivis, and R.G. Smart, Alcohol and Other Drug Use Among Ontario Adults in 1994 and Changes Since 1977 (Toronto: Addiction Research Foundation, 1994); Adlaf E.M., R.G. Smart, and G.W. Walsh, Ontario Student Drug Use Survey 1977-1993 (Toronto: Addiction Research Foundation, 1993); Adlaf E.M., D. Dewit, N. Giesbrecht, L. Gliksman, and B. Newton-Taylor, University Student Drug Use and Lifestyle Behaviours - Current Patterns and Changes from 1988 to 1993 (Toronto: Addiction Research Foundation, 1994). Adlaf E.M., F.J. Ivis, R.G. Smart, G.W. Walsh, Ontario Student Drug Use Survey 1977-1995 (Toronto: Addiction Research Foundation, 1994).

Table 1.2 Alcohol use among adults aged 18 years and over, Ontario, 1994

Characteristics of	% of	% of a	ll adults who d	rank	% of cur	rent drinkers wh	o drank
population	Current	daily	15+ drinks	5+ drinks in a	daily	15+ drinks2	5+ drinks in a
	Drinkers1		a week	single sitting weekly		a week	single sitting weekly
Total sample	82.1 %	5.0 %	4.4 %	8.4 %	6.1 %	5.4 %	10.2 %
Gender							
Male	84.7	7.2	7.5	13.0	8.5	8.9	15.4
Female	79.8	3.1	1.7	4.3	3.9	2.2	5.4
Age							
18 - 29 years	86.0	1.7	7.8	12.7	2.0	9.1	14.8
30 - 39 years	85.1	3.5	4.1	9.2	4.1	4.9	10.8
40 - 49 years	84.1	7.6	2.9	6.5	9.0	3.4	7.8
50 - 64 years	78.2	6.2	1.7	4.9	7.9	2.2	6.3
65+ years	67.0	10.1	4.0	4.5	15.1	5.9	6.8
Marital status							
Never married	85.8	2.2	8.5	12.7	2.6	9.9	14.8
Married	80.5	5.7	2.3	6.3	7.1	2.9	7.8
Living with partner	90.6	8.6	7.7	10.9	9.5	8.5	12.0
Previously married	76.8	5.5	3.6	7.3	7.2	4.7	9.5
Region							
Metro Toronto	79.1	3.7	4.1	5.6	4.7	5.1	7.1
Metro Outskirts	84.4	4.9	3.6	7.8	5.8	4.3	9.3
Eastern Ontario	82.0	5.1	5.9	11.2	6.2	7.2	13.7
Western Ontario	84.1	5.8	4.4	6.7	6.9	5.3	8.0
Northern Ontario	80.4	5.6	4.0	10.4	7.0	4.9	13.0
Education							
Less than high school	72.1	6.3	4.8	8.9	8.7	6.7	12.4
Completed high school	83.1	5.1	6.4	10.6	6.1	7.7	12.8
Some college or university	85.9	2.3	4.2	8.9	2.7	4.9	10.4
University degree	85.3	7.6	1.7	4.0	8.9	2.0	4.7
Income							
<\$30,000	74.4	5.1	5.2	10.0	6.9	7.1	13.5
\$30,000 - \$49,000	82.4	3.6	4.9	11.4	4.4	6.0	13.9
\$50,000 - \$79,999	85.2	5.0	3.5	7.3	5.9	4.1	8.6
\$80,000+	91.7	6.5	5.2	8.5	7.1	5.7	9.3
Employment status							
Full time	87.1	5.1	4.4	8.9	5.9	5.1	10.2
Part time	87.2	4.5	1.8	7.9	5.2	2.0	9.1
Unemployed	77.8	4.7	5.9	10.9	6.0	7.6	14.0
Retired	71.5	8.5	2.8	4.0	11.9	4.0	5.6
Homemaker	64.7	3.6	1.6	4.0	5.6	2.5	6.2
Students	83.3	1.9	9.5	13.3	2.3	11.5	16.0
Other	71.3	5.4	6.2	6.7	7.6	8.8	9.5

<sup>&</sup>lt;sup>1</sup> Current drinkers are defined as anyone who has used alcohol at least once during the 12 months before the survey.

Source: Adlaf E.M., F.J. Ivis, and R.G. Smart, <u>Alcohol and Other Drug Use Among Ontario Adults in 1994 and Changes Since 1977</u> (Toronto: Addiction Research Foundation, 1994).

Table 1.3 Alcohol use1 among adults aged 18 years and over by selected characteristics of the population, Ontario, 1977, 1982, 1984, 1987, 1989, 1991, and 1994

(Percentage using alcohol during the past 12 months) Characteristics of 1977 1982 1984 1987 1989 1994 1991 population N=1774 N=1040 N=1051 N=1084 N=1101 N=1041 N=2022 Total sample 79.9 % 77.6 % 84 5 % 83.1 % 82.6 % 80.3 % 82.1 % Gender: Male 85.9 81.6 86.8 87.6 85.8 81.8 84.7 Female 73.4 73.6 82.3 78.8 79.6 78.7 79.8 Age: 18 - 29 years 85.8 82.5 89.8 92.1 88.1 87.2 86.0 86.0 82.5 30 - 39 years 91.1 87.7 90.8 84.2 85.1 40 - 49 years 88.6 80.6 88.6 87.7 87.3 81.2 84.1 76.2 76.2 50 - 64 years 80.0 80.9 74.2 73.8 78.2 65+ years 53.5 58.5 64.8 58.2 66.8 63.8 67.0 Marital status: Never married 85.8 85.8 n.a. n.a. n.a. n.a. n.a. 79.3 <sup>1</sup> 80.5 Married n.a. n.a. n.a. n.a. n.a. 90.6 Living with partner n.a. n.a. n.a. n.a. n.a. 76.8 73.6 Previously married n.a. n.a. n.a. n.a. n.a. Region: 87.3 83.0 82.7 79 1 Metro Toronto 80.6 81.3 85.6 Metro Outskirts 83.5 72.2 85.5 82.0 79.5 81.8 84.4 77.9 82.0 79.5 77.3 82.8 85.5 81.4 Eastern Ontario 83.1 84.1 Western Ontario 78.8 77.9 80.3 81.6 82.4 80.4 87.0 75.7 87.9 74.6 Northern Ontario 74.1 71.7 Education: 72.1 69.5 65.6 65.6 71.6 69.8 64.7 Elementary 81.4 80.4 83.1 84.7 8.08 Secondary 79.0 77.3 88.0 n.a. Post-Secondary 88.5 84.3 88.8 89.8 n.a. 85.9 n.a. n.a. 87.2 Some college/University n.a. n.a. n.a. 85.3 87.4 n.a. n.a. n.a. n.a. University n.a. Occupation: 87.1 n.a. n.a. n.a. n.a. n.a. Full time n.a. 87.2 n.a. n.a. n.a. n.a. Part time n.a. n.a. 77.8 87.9 73.1 85.5 89.0 73.7 Unemployed n.a. 71.5 n.a. n.a. n.a. n.a. n.a. Retired n.a. 68.0 64.7 76.0 68.2 75.4 69.1 Homemaker n.a. 83.3 86.5 80.5 88.3 90.7 88.88 Students n.a. 65.0 71.3 80.8 67.2 62.5 70.3 Other n.a.

Source: Adlaf E.M., F.J. Ivis, and R.G. Smart, <u>Alcohol and Other Drug Use Among Ontario Adults in 1994 and Changes Since 1977</u> (Toronto: Addiction Research Foundation, 1994).

Includes living with partners.

Table 1.4 Percentage of students reporting alcohol use1 by selected characteristics of the population, Ontario, 1981, 1983, 1985, 1987, 1989, 1991, 1993, and 1995

Characteristics	1981	1983	1985	1987	1989	1991	1993	1995
Total Sample	75.3 %	71.7 %	69.8 %	68.1 %	66.2 %	58.7 %	56.5 %	58.8 %
Gender:								
Male	74.7	72.6	71.3	69.1	68.1	58.1	56.7	60.0
Female	76.1	70.8	68.3	67.2	64.5	59.4	56.4	57.6
Age:								
13 and under	47.6	52.7	42.6	43.1	42.0	29.6	31.6	31.0
14 - 15	74.6	71.1	67.0	63.8	64.6	54.6	51.5	56.9
16 - 17	85.0	88.5	87.1	84.7	81.6	75.0	73.4	75.0
18 and over	89.8	89.9	87.9	88.3	87.5	82.1	77.1	78.2
Grade:								
Seven	47.3	53.1	43.3	43.5	42.4	30.1	31.8	30.5
Nine	75.4	71.5	67.9	64.7	64.7	55.7	52.0	57.8
Eleven	83.9	89.0	87.2	84.8	81.9	75.0	73.2	75.9
Thirteen	91.7	90.6	88.9	88.8	88.4	84.1	77.8	77.1
Region:								
Metro	70.7	72.2	69.5	66.8	60.7	55.2	50.5	51.2
West	80.6	71.6	70.8	66.3	66.1	59.2	56.6	60.3
East	73.0	71.0	67.6	71.6	66.9	59.6	57.6	62.4
North	74.4	73.2	71.8	68.3	75.4	61.7	67.5	57.2
Grade first used:								
Average Grade	6.3				7.4	7.6	7.2	7.3
Grade 4	33 %				14 %	12 %	16 %	14 %
Grade 5	13				8	7	7	8
Grade 6	13				13	10	14	11
Grade 7	13				16	16	15	17
Grade 8	12				17	18	21	19
Grade 9	9				16	18	14	16
Grade 10 and after	7				16	19	15	15

Alcohol use was defined as consuming alcohol at least once in the previous year, including at special events such as Christmas or weddings; however, having only a sip of alcohol to see what it was like was considered non-use.

Note: Based on a provincewide survey of approximately 3,270 Ontario students in 1981; 4,737 in 1983; 4,154 in 1985; 4,267 in 1987; 3,915 in 1989; 3,945 in 1991; 3,571 in 1993; and 3,870 in 1995 in Grades 7, 9, 11 and 13.

Source: Adlaf E.M., F.J. Ivis, R.G. Smart, and G.W. Walsh, <u>The Ontario Student Drug Use Survey: 1977-1995</u> (Toronto: Addiction Research Foundation, 1995).

Table 1.5 Frequency of student alcohol use during the prior year among total sample and among drinkers, Ontario, 1989 to 1995

Frequency of use		Percentag			Perc	entage of Pa	ast Year Dri	ikers
	1989	1991	1993	1995	1989	1991	1993	1995
	N=3915)	N=4945)	(N=3571)	(N=3870)	(N=2640)	(N=2432)	N=(2065)	N=(2336)
None								
Total	33.8 %	41.4 %	43.5 %	41.2 %				
Male	31.9	41.9	43.3	40.1				
Female	35.5	40.7				in the second	-	
remale	35.5	40.7	43.6	42.4		-	graph.	-
On special occasions								
Total	27.4	21.8	24.2	21.6	41.2	37.2	42.8	36.7
Male	27.5	20.1	23.5	19.8	40.3	34.5	41.5	33.1
Female	27.3	23.8	24.8	23.2	42.3	40.0		
Tomaio	27.0	25.0	24.0	23.2	42.3	40.0	44.0	40.3
Once a month								
Total	14.4	15.2	14.5	16.3	21.8	26.0	25.6	27.7
Male	13.5	13.8	13.5	16.2	19.8	23.7	23.8	27.1
Female	15.4	16.9	15.5	16.2	23.9	28.5	27.4	28.1
								20.1
2-3 times a month								
Total	11.7	11.0	9.7	12.2	17.7	18.7	17.2	20.8
Male	11.8	10.2	9.0	12.6	17.4	17.5	15.9	21.1
Female	11.7	11.9	10.5	11.9	18.1	20.0	18.5	20.7
About once a week								
Total	7.4	5.6	4.0	4.7	40.7	0.5	7.0	
	7.1		4.2	4.7	10.7	9.5	7.3	8.0
Male	8.2	7.3	5.1	5.6	12.1	12.5	8.9	9.4
Female	6.0	3.8	3.3	3.9	9.3	6.4	5.8	6.7
2-3 times a week								
Total	4.8	3.8	3.0	3.2	7.2	6.5	5.3	5.4
Male	5.6	5.1	4.4	4.2	8.3	8.8	7.8	7.1
Female	3.9	2.4	1.6	2.2	6.0	4.0	2.8	3.8
Tomaic	0.0	۵.٦	1.0	2.2	0.0	4.0	2.0	0.0
4-5 times a week								
Total	0.5	0.8	0.6	0.5	0.8	1.4	1.1	0.8
Male	0.9	1.0	0.7	0.8	1.4	1.8	1,3	1.3
Female	0.1	0.6	0.5	0.1	0.1	1.1	0.8	0.2
Almost daily	0.0	0.1	0.4	0.0	0.5	0.7	0.7	0.6
Total	0.3	0.4	0.4	0.3	0.5	0.7	0.7	0.6
Male	0.5	0.7	0.4	0.6	0.8	1.2	0.7	0.9
Female	0.1	0.1	0.3	0.1	0.2	0.1	0.6	0.2

<sup>&</sup>lt;sup>1</sup> Alcohol use was defined as consuming alcohol at least once in the previous year, including at special events such as Christmas or weddings; however, having only a sip of alcohol to see what it was like was considered non-use.

Note: Based on a provincewide survey of approximately 3,270 Ontario students in 1981; 4,737 in 1983; 4,154 in 1985; 4,267 in 1987; 3,915 in 1989; 3,945 in 1991; 3,571 in 1993; and 3,870 in 1995 in Grades 7, 9, 11 and 13.

Source: Adlaf E.M., F.J. Ivis, R.G. Smart, and G.W. Walsh, <u>The Ontario Student Drug Use Survey: 1977-1995</u> (Toronto: Addiction Research Foundation, 1995).

Table 1.6 Alcohol consumption by street youth1 in Toronto, 1992

		Gend	er	Age	
	Total (N=145)	Male (N=93)	Female (N=52)	<19 (N=67)	19+ (N=78)
	(14-145)	(14-55)	(14-52)	(14-07)	(14-70)
Alcohol use during past 1	2 months:				
Never in lifetime	2 %	1 %	5 %	3 %	1
Never in year	3	3	5	2	4
Just once	3	3	4	6	2
A few times	10	9	12	11	9
< 1 month	7	8	4	9	5
1 / month	4	3	5	-	5
2-3 times/month	19	20	16	22	18
1 / week	9	12	2	8	10
2-3 times/week	22	23	21	17	24
4-6 times/week	13	12	18	11	14
Every day	6	6	7	8	5
Varies	2	3	2	3	2
Quit in last year	-	-	-	-	
during past 7 days:					
during past 7 days:  Mean number of drinks	19.1	19.8	13.3	15.3	19.2
	19.1 47 %	19.8 47 %	13.3 47 %	15.3 56 %	
Mean number of drinks					
Mean number of drinks  0 drinks	47 %	47 %	47 %	56 %	43
Mean number of drinks  0 drinks  1- 7	47 % 14	47 % 15	47 % 12	56 % 6	43 17
Mean number of drinks  0 drinks  1- 7  8-14	47 % 14 4	47 % 15 3	47 % 12 7	56 % 6 3	43 17 4
Mean number of drinks  0 drinks  1- 7  8-14  15-21	47 % 14 4 6	47 % 15 3 6	47 % 12 7 5	56 % 6 3 3	43 17 4 7
Mean number of drinks  0 drinks 1- 7 8-14 15-21 22-28 29  Consumed 5 or more drin	47 % 14 4 6 3 27	47 % 15 3 6 3	47 % 12 7 5 5	56 % 6 3 3	43 17 4 7 3
Mean number of drinks  0 drinks  1- 7  8-14  15-21  22-28  29  Consumed 5 or more dring during past 4 week	47 % 14 4 6 3 27  ks at a single	47 % 15 3 6 3 28	47 % 12 7 5 5 23	56 % 6 3 3 3 29	43 17 4 7 3 26
Mean number of drinks  0 drinks 1- 7 8-14 15-21 22-28 29  Consumed 5 or more drin sitting during past 4 week	47 % 14 4 6 3 27  ks at a single s:	47 % 15 3 6 3 28	47 % 12 7 5 5 23	56 % 6 3 3 3 29	43 17 4 7 3 26
Mean number of drinks  0 drinks 1- 7 8-14 15-21 22-28 29  Consumed 5 or more drinsitting during past 4 week  Never Once	47 % 14 4 6 3 27  ks at a single s: 37 % 11	47 % 15 3 6 3 28	47 % 12 7 5 5 23	56 % 6 3 3 3 29	43 17 4 7 3 26
0 drinks 1- 7 8-14 15-21 22-28 29  Consumed 5 or more dring sitting during past 4 week  Never Once Twice	47 % 14 4 6 3 27  ks at a single s: 37 % 11 7	47 % 15 3 6 3 28	47 % 12 7 5 5 23	56 % 6 3 3 3 29	43 17 4 7 3 26
Mean number of drinks  0 drinks 1- 7 8-14 15-21 22-28 29  Consumed 5 or more dring sitting during past 4 week  Never Once Twice 3 times	47 % 14 4 6 3 27  ks at a single s: 37 % 11 7 8	47 % 15 3 6 3 28 34 % 12 8 8	47 % 12 7 5 5 23 46 % 9 2 11	56 % 6 3 3 3 29  39 % 11 6 8	43 17 4 7 3 26
Mean number of drinks  0 drinks 1- 7 8-14 15-21 22-28 29  Consumed 5 or more dring during past 4 week  Never Once Twice	47 % 14 4 6 3 27  ks at a single s: 37 % 11 7	47 % 15 3 6 3 28	47 % 12 7 5 5 23	56 % 6 3 3 3 29	43 17 4 7 3 26

<sup>&</sup>lt;sup>1</sup> Based on a sample of 217 street youth aged 24 years and under interviewed during February and March 1992 in downtown Toronto.

Source: Adlaf E.M., R.G. Smart, G.W. Walsh, and Y.M. Zdanowicz, <u>Drifting and Doing: Changes in Drug Use Among Toronto Street Youth.</u> 1990-1992 (Toronto: Addiction Research Foundation, 1992).

Table 1.7 Alcohol use among university students, Ontario, 1993

Factor	Percent of current	% of universi	ty students	% of curre	nt drinkers	
	drinkers	daily	15+ drinks a week	daily	15+ drinks a week	
Gender:						
Male	94.5 %	3.1 %	38.2 %	3.3 %	42.0.0/	
Female	94.4	0.6	20.7	0.6	42.0 % 24.0	
Age:						
17-19	94.6	2.7	32.4	2.9	36.1	
20-22	95.3	1.2	32.4	1.2	35.7	
23-25	92.5	2.5	22.8	2.7	26.6	
26+	93.1	2.3	17.3	2.4	22.2	
Year of Study:						
First	95.0	2.6	32.6	2.7	35.7	
Second	93.6	1.2	29.5	1.2	33.1	
Third	94.2	1.6	27.0	1.7	31.1	
Fourth	95.0	1.5	23.1	1.6	27.2	
Grade:						
Α	93.6	1.8	22.6	2.0	26.4	
В	94.5	1.6	29.5	1.6	33.1	
С	95.1	2.7	37.1	2.8	40.7	
D	98.9	1.8	49.5	1.9	50.7	
Place of Residence	ce:					
Residence	96.1	2.0	41.1	2.1	44.9	
Parents		1.8 size		2.0	25.5	
Off campus	95.3	1.7	30.9	1.8	34.0	
Other	87.1	3.0	25.5	3.4	31.4	
Program:						
Arts	95.0	1.7	33.7	1.8	36.9	
Science	93.1	1.0	24.6	1.1	28.2	
Social Scienc	96.4	1.7	31.3	1.7	34.4	
Business	94.2	3.5	25.3	3.7	28.5	
Other	93.3	1.8	28.4	2.0	31.6	

<sup>&</sup>lt;sup>1</sup> Current drinkers are defined as anyone who has used alcohol at least once during the 12 months before the survey.

Source: Adlaf E.M., D. Dewit, N. Giesbrecht, L. Gliksman, and B. Newton-Taylor, <u>University Student Drug Use & Lifestyle Behaviours - Current Patterns and Changes from 1988 to 1993</u> (Toronto: Addiction Research Foundation, December, 1994).

titudes and experiences	% of current drinkers aged 18 or older		
[In the past 12 months] Was there ever a time you felt that			
your use of alcohol had a harmful effect on your?	Reporting Harm		
friendships or social life	5 %		
physical health	9		
home life or marriage	4		
work, studies, or employment opportunities	4		
financial position	5		
What made you believe that you had a drinking problem?	Naming Reason		
Amount you drank	45 %		
Emotional problems	9		
Loss of control of how much you drank	17		
Family problems	12		
Physical health problems	8		
Problems at work	2		
Legal Problems	1		
Financial problems	6		
Pressure from family/friends	1		
Other reason	49		
Reasons for not seeking help for a drinking problem:	Yes		
You did not know where to go for help?	12 %		
You worried about what other people would think?	17		
You didn't think that treatment would help?	15		
You thought treatment would take up too much time and effort?	28		
You thought that you could deal with it on your own?	97		
You didn't feel that your drinking was causing that many probler	ms? 32		

<sup>1 3</sup> responses allowed

Source: Bondy S., Attitudes and Experiences with Treatment of Alcohol and Tobacco Problems - A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1993 (Toronto: Addiction Research Foundation, October 1994).

Table 1.9 Access control policy measures, by gender and age group, Ontario, 1995

Percentages of total sample Access controls Total all ages Age group Total Male **Female** 18-34 35-54 55+ Taxes on alcoholic beverages should be: increased 19 % 14 % 23 % 13 % 26 % 21 % remain the same decreased Beer and liquor store hours should be: increased remain the same decreased The legal drinking age should be: raised remain the same lowered Alcoholic beverages should be available in corner stores: yes no Hours of alcoholic beverage service in restaurants, bars, etc. should be: increased remain the same decreased Sports stadia should be allowed to sell beer and wine during sports events: strongly agree somewhat agree somewhat disagree remain the same 

Source: Anglin, L. ed., <u>The Ontario Experience of Alcohol and Tobacco: New Focus on Accessibility. Violence and Mandatory Treatment - A Report of the Ontario Alcohol and Other Drug Opinion Survey. 1995</u> (Toronto: Addiction Research Foundation, November 1995).

<sup>1</sup> Excluded 9.5% of respondents who did not know what the legal drinking age was and <1% who answered "don't know" or "refused".

Table 1.10 Access control policy measures, by respondents' use of alcohol, Ontario, 1995

Access controls	Total	Abstainer	Current	Number of times consuming 5+ drinks in one sitting in the last 12 months			
	10tal Abstallie		Drinkers	Never	1-11 times	12+ times	
Taxes on alcoholic beverages should I		40.0/	40.0/	47.0/	0.0/	5 %	
increased	19 %	49 %	13 %	17 %	9 %		
remain the same	57	42	61	61	64	54	
decreased	24	9	27	22	27	41	
Beer and liquor store hours should be:							
increased	11	4	11	8	11	24	
remain the same	81	69	84	85	86	75	
decreased	8	27	5	7	3	1	
The legal drinking age should be:							
raised	41	57	39	43	37	32	
remain the same	55	40	57	54	60	63	
lowered	4	3	4	4	3	5	
Alcoholic beverages should be							
available in corner stores:							
yes	27	10	31	26	31	43	
no	73	90	69	74	69	57	
Hours of alcoholic beverage service in							
restaurants, bars, etc. should be:							
increased	13	5	15	9	16	32	
remain the same	74	59	76	79	79	62	
decreased	13	36	9	12	5	6	
Sports stadia should be allowed to sell							
beer and wine during sports events:							
strongly agree	17	8	18	10	25	33	
somewhat agree	35	18	38	35	42	42	
somewhat disagree	16	12	17	22	13	9	
remain the same	32	62	27	33	21	17	

<sup>1</sup> Excluded 9.5% of respondents who did not know what the legal drinking age was and <1% who answered "don't know" or "refused".

Source: Anglin, L. ed., <u>The Ontario Experience of Alcohol and Tobacco: New Focus on Accessibility, Violence and Mandatory Treatment - A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1995</u> (Toronto: Addiction Research Foundation, November 1995).

Table 1.11 Public opinion on promotion controls and counter-promotions policy measures, by gender and age group, Ontario, 1995

	Percentages of Total Sample								
Promotion controls and		Total all a			Age Gro				
counter-promotions	Total	Male	Femal	18-34	35-54	55+			
Government advertising against									
alcohol should be:									
increased	49.0 9	6 42.0	% 57.0	% 51.7	% 50.7	% 43.1 %			
remain the same	40.0	13.0	8.0	38.9	40.2	and the same of th			
decreased	11.0	45.0	35.0	9.5	9.1	15.7			
Should alcohol beverages have warn	ing								
labels about possible health hazard	s?								
yes	78.0	72.0	85.0	80.6	76.3	78.8			
no	22.0	28.0	15.0	19.4	23.8				
Should the government prohibit wine	,								
liquor and beer advertising on TV?									
yes	44.0	36.0	53.0	40.7	47.7	48.6			
no.	56.0	64.0	47.0	59.3	52.3	51.4			
Should the government prohibit wine	,								
liquor, and beer companies from									
sponsoring events?									
yes	32.0	28.0	40.0	29.6	30.7	40.3			
no. Rise i Aliese e Pelewii nie ini skrivatie	68.0	72.0	60.0	70.4	69.3	.59.7			
Advertising wine on TV									
should be allowed:									
strongly agree	21.0	27.0	16.0	25.4	20.2	18.8			
somewhat agree	40.0	43.0	38.0	42.4	41.0				
somewhat disagree	17.0	12.0	21.0	17.1	16.9	16.8			
strongly disagree	22.0	18.0	25.0	15.0	21.8	## - 10 - <b>27.8</b>			
Advertising beer on TV									
should be allowed:									
strongly agree	21.0	29.0	13.0	25.9	19.3	15.0			
somewhat agree	38.0	39.0	37.0	41.0	38.0	31.4			
somewhat disagree	16.0	11.0	20.0	15.6	17.8	13.2			
strongly disagree	25.0	21.0	30.0	17.6	24.9	40.4			
Advertising liquor on TV									
should be allowed:									
strongly agree	16.0	21.0	10.0	18.9	15.7	10.2			
somewhat agree	35.0	38.0	33.0	38.0	36.1	28.7			
somewhat disagree	17.0	13.0	21.0	18.1	16.5	15.7			
strongly disagree	32.0	28	36	25.0	31.8	45.3			

Source: Anglin, L. ed., <u>The Ontario Experience of Alcohol and Tobacco: New Focus on Accessibility, Violence and Mandatory Treatment-A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1995</u> (Toronto: Addiction Research Foundation, November 1995).

Table 1.12 Public opinion on promotion controls and counter-promotions policy measures, by respondents' use of alcohol, Ontario, 1995

Promotion controls and	Total	Abstainer	Current	Number of times consuming 5+ drinks in one sitting in the last 12 months				
ounter-promotions	Total Abstall		Drinkers		-11 times	12+ times		
Covernment advertising against								
Government advertising against alcohol should be:								
increased	49 %	59 %	48 %	52 %	45 %	36 %		
remain the same	40	29	42	38	46	49		
decreased	11	12	10	10	9	15		
Should alcohol beverages have warning	ıg							
labels about possible health hazards	_							
yes	78	87	77	78	76	74		
no	22	13	23	22	24	26		
Should the government prohibit wine,								
liquor and beer advertising on TV?								
yes	44	67	40	46	38	27		
no	56	33	60	54	62	73		
Should the government prohibit wine,								
liquor, and beer companies from								
sponsoring events?								
yes	32	56	28	32	28	14		
no	68	44	72	68	72	86		
Advertising wine on TV								
should be allowed:								
strongly agree	21	13	23	18	25	36		
somewhat agree somewhat disagree	40 17	23 17	44 16	<b>45</b> 19	43 15	40 11		
strongly disagree	22	47	17	18	17	13		
Advertising beer on TV								
should be allowed:	0.4	40		40	0.5			
strongly agree	21	16	22	16	25	37		
somewhat agree	38	21	41	42	39	40		
somewhat disagree	16	11	17	21	14	9		
strongly disagree	25	52	20	21	23	14		
Advertising liquor on TV								
should be allowed:								
strongly agree	16	9	17	12	19	29		
somewhat agree	35	19	39	40	37	38		
somewhat disagree	17	11	18	21	15	14		
strongly disagree	32	61	26	27	29	19		

Source: Anglin, L. ed., <u>The Ontario Experience of Alcohol and Tobacco: New Focus on Accessibility. Violence and Mandatory Treatment - A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1995</u> (Toronto: Addiction Research Foundation, November 1995).

# CHAPTER II PROBLEMS ASSOCIATED WITH ALCOHOL USE

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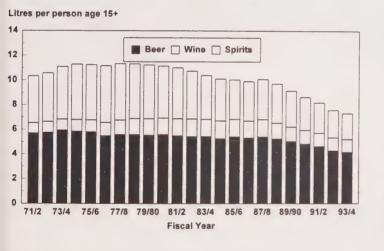
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## **CHAPTER II**

## PROBLEMS ASSOCIATED WITH ALCOHOL USE

#### Sales of beverage alcohol in Ontario

Figure 2.1: Consumption of absolute alcohol per person age 15 +, Ontario, 1971/72 to 1993/94



In 1993-94, Ontarians consumed 859.4 million litres of beverage alcohol - a 1% decrease from the previous year (see table 2.1). From 1971-72 to 1987-88, consumption of beverage alcohol increased steadily from 732.0 million litres to 998.6 million litres. However, since 1987-88 sales have been declining. During this period, beer consumption declined 13%, wine consumption declined 16% and consumption of spirits declined 27%.

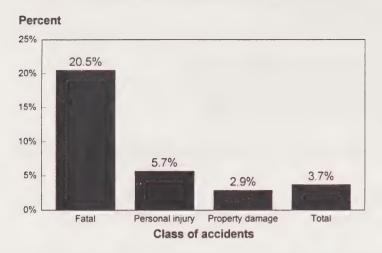
While total alcohol consumption did not start to decline until the late 1980s, per capita consumption started declining 10 years earlier. Consumption of absolute alcohol per person aged 15 and older was highest in

978-79 at 11.32 litres. Since then it has declined to 7.30 litres in 1993-94. Figure 2.1 shows the trend in per apita consumption for absolute alcohol per person aged 15 or older. Beer remained the main alcoholic beverage, accounting for 4.16 litres (56.9%) of the total absolute alcohol per person aged 15 or older. Spirits blaced second, with 2.09 litres (or 28.6%) and wine accounted for 1.05 litres (or 14.4%).

#### Motor Vehicle Traffic Accidents: Drivers

The number of motor vehicle traffic accidents for alcohol-involved drivers in Ontario and its rate per 100,000 censed drivers have been decreasing since 1984. In 1992, there were 14,908 motor vehicle traffic accidents see table 2.2); of these, 325 accidents (2.2%) were fatal (accidents with loss of life), 6,129 (41.1%) were

Figure 2.2: Drinking drivers involved in accidents by class of accidents, Ontario 1992



non-fatal (accidents in which personal injuries were sustained), and 8,454 (56.7%) had property damage only. There was a higher risk of having fatal or non-fatal motor vehicle accident among alcohol-involved drivers than accidents with non-alcohol-involved drivers. Although alcohol-involved drivers accounted for 3.7% of all accidents (see figure 2.2), they accounted for 20.5% of all fatal accidents and 5.7% of all non-fatal accidents.

From 1984 to 1992, the number of motor traffic accidents among alcohol-involved drivers has decreased from 23,739 to 14,908. In the same period, the percentage of motor vehicle accidents among alcohol-involved

drivers relative to total drivers has also decreased steadily from 7.1% to 3.7%.

Table 2.3 presents the number of motor vehicle traffic accidents among alcohol-involved drivers by age, its percentage age distribution and its rate per 1,000 licensed drivers. In 1992, 75.1% of drivers involved in alcohol-related motor vehicle accidents were aged 20 to 44. Drivers aged 19 and those aged 20 to 44 had the highest rate of accidents (4.9 and 4.4 respectively).

#### Motor vehicle traffic accidents: Pedestrians

Table 2.4 shows the number of motor vehicle traffic accidents that involved pedestrians who had been drinking or impaired. Despite some fluctuations, their number and rate per 100,000 accidents has been decreasing since 1984. In 1992, 506 accidents occurred with alcohol-involved pedestrians, of which 32 were fatal and 474 were non-fatal. Alcohol-involved pedestrians accounted for 9.5% of all accidents, 22.9% of all fatal accidents, and 9.2% of non-fatal accidents.

#### Traffic facilities

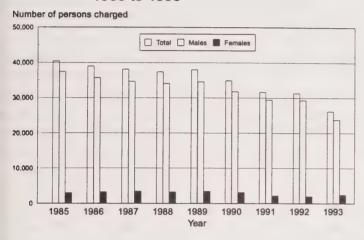
Ontario's testing rate among fatally injured drivers for the presence of alcohol has declined from 94.4% in 1986 to 76.4% in 1991 (see table 2.5). Among tested fatally injured drivers in 1993, 55.1% showed no evidence of alcohol; 8.3% had blood alcohol concentration (BAC) between 1mg% and 80mg%; and 36.6% had over 80mg%. In total, 44.9% of fatally injured drivers contained alcohol in their blood. In the past 15 years, the percentage of fatally injured drivers who contained alcohol in their blood decreased from 61.8% in 1979 to 38.3% in 1989. Since 1991, the rate has remained around 44%.

Table 2.6 shows the age distribution of blood alcohol concentration among fatally injured drivers. Among age groups, drivers aged 26 to 35 were the least likely to be sober (45.0% of tested drivers had no alcohol in their blood). Drivers aged 36 to 45 were the most likely to be excessive drinkers (38.2% of tested drivers

had BAC more than 150mg%) followed closely by drivers aged 26-35 (37.2% had a BAC more than 150mg%). Conversely, the vast majority of drivers aged 55 and over showed no evidence of alcohol (66.7%) and only 20.7% had BAC more than 150mg%.

#### Traffic offences

Figure 2.3: Persons charged with alcohol-related traffic offences by sex, Ontario, 1985 to 1993



In 1993, 28,221 alcohol-related traffic offences occurred in Ontario (see table 2.7 and figure Of these, 26,348 (93%) involved impaired operation of vehicle with BAC over 80mg%. The rest consisted of 1,853 that failed or refused to provide a breath sample (6.6%). 290 that involved impaired operation of a vehicle causing bodily harm (1%), 42 that involved impaired operation of a vehicle causing death (0.2%) and 20 that failed or refused to provide a blood sample (0.1%). In all, 26,177 persons were charged for alcohol-related traffic offences. continued to be the main offenders in alcohol-involved traffic offences, accounting for 90.9% of all charges.

From 1986 to 1993, the rates of alcohol-related traffic offences per 100,000 population aged 19 and over has declined from 558.0 to 327.4.

#### Liquor offences

In Canada, the control and sale of liquor is regulated by provincial legislation. In Ontario, the Liquor License Act defines, among other things, the legal drinking age; restrictions on licensed premises; prohibition on serving intoxicated persons; prohibition against public intoxication; and rules for public transporting of alcohol.

In 1993, 69,357 liquor act offences occurred (see table 2.9), accounting for 62.0% of all offences reported under provincial statutes (excluding traffic offences). From 1984 to 1993, the number of offences dropped from 137,483 to 69,357. In 1993, there were 2,746 juvenile offenders in Ontario, accounting for 27.0% of all the juvenile offenders in Canada. These juvenile offenders included both "juveniles charged" and "juveniles not charged". The number of juvenile offenders has also dropped significantly since the Young Offenders Act was introduced in 1984. About 50,448 adults were charged under liquor act offences, accounting for 72.7% of total liquor act offences in 1993. Men typically account for 88.7% of all the charges in Ontario.

#### Alcohol-related general hospital separations

A separation is defined as the discharge or death of an inpatient. Residences who were treated outside the province would not be included in the Ontario separation data. The data on separations are counts of cases, not patients, since an individual is counted on each occasion that he or she stays in the hospital. Primary diagnosis refers to the most significant condition treated during hospitalization and only one primary diagnosis is recorded for each question. Secondary diagnosis, however, describes other important or complicating conditions that were also treated. Patients may be treated for up to 15 secondary diagnoses, but for our purposes only the first occurrence of an alcohol-related secondary diagnoses is recorded, and only when that diagnosis is associated with a primary diagnosis other than an alcohol-related condition.

In 1993-94, alcohol-related hospital separations in Ontario totalled 29,277 (see tables 2.10 and 2.12), of which 9,386 (32.1%) had a primary alcohol-related diagnosis, and 19,891 (67.9%) had at least one alcohol-related secondary diagnosis, but no alcohol-related primary diagnosis. Alcoholic psychoses was the main diagnosis for alcohol-related separations (36.3% for primary and 53.5% for secondary); followed by chronic liver disease and cirrhosis (34.8% and 26.4% respectively); alcoholic psychoses (15.6% and 7.9% respectively); nondependent abuse of alcohol (10.2% and 12.5% respectively); and toxic effects of alcohol (3.1% and 0.7% respectively).

In 1993-94, primary diagnoses in Ontario accounted for 88.5 separation per 100,000 population, and 187.5 separations per 100,000 population for secondary diagnoses (4.9% and 0.9% dropped from the previous year, respectively). (See tables 2.11 and 2.13) The decline was attributed to the widespread reduction in rates for most diagnoses except alcoholic psychoses in secondary diagnoses, and chronic liver disease and cirrhosis in both primary and secondary diagnoses. Alcohol-related diagnoses tend to develop at an older age, usually from 45 or older.

#### Alcohol-related mortality

In 1992, 1,154 deaths in Ontario were classified as directly attributable to alcohol. Of all alcohol-related deaths, approximately 74.8% are due to chronic liver disease and cirrhosis. The rest are due to alcohol dependence syndrome (18.2%); toxic effects of alcohol (2.2%); alcoholic psychoses (2.0%); alcoholic cardiomyopathy (2.0%); and alcoholic gastritis (0.8%); nondependent abuse of alcohol (0.7%). Alcohol deaths account for 1.6% of all deaths in Ontario. Most alcohol-related deaths occur among men: 91.6% of alcoholic cardiomyopathy; 88.8% of alcoholic gastritis; 82.6% alcoholic psychoses; 78.1% of alcohol dependence syndrome; 75.0% of nondependent abuse of alcohol; 72.0% of toxic effects of alcohol; and 70.0% of chronic liver disease and cirrhosis deaths.

Neoplasms, diseases of the circulatory system, and diseases of the respiratory system are the three leading causes of deaths, accounting for 77.3% of total deaths indirectly related to alcohol in 1992. In Ontario, 5,685 deaths were estimated to be indirectly due to alcohol. Of these, 2,045 deaths were from neoplasms; 1,455 were from diseases of the circulatory system; 885 were deaths of the respiratory systems; 490 from motor vehicle accidents; 405 deaths from accidental falls, accidents caused by fire and flames, and accidental drowning and submersion; 295 deaths from suicide and self-inflicted injuries; and 110 from homicides. From 1985 to 1992, the number of deaths has remained stable.

#### Treatment agencies, caseload and cost

According to a 1992 provincial survey, approximately 227 treatment agencies operate across Ontario (see table 2.16) These agencies include 23 detoxification centres (10.1%); 35 short-term residential agencies (15.4%); 65 long-term residential agencies (28.6%); 66 non-residential agencies (29.1%); and 38 assessment/referral agencies (16.7%). Two agencies also specialize in treatment of the family members of persons with alcohol or other drug problems.

Substance abuse problems were subdivided into alcohol, drug, or combined alcohol and drug problems. In 1991, the alcohol/drug-specific caseload for agencies responding to the survey was 75,477. Alcohol only-problems accounted for 43.2%; drug only problems accounted for 14.7%; and problems involving both alcohol and drugs were 42.1%. Table 2.16 also shows the gender distribution of cases in the various agency categories. In total cases the male:female ratio was 2.7 to 1. The largest male:female ratio occurred in detoxification centres (5.7 to 1). However, the smallest male:female ratio occurred in short-term residential agencies (1.8 to 1). In terms of age, the largest number of youth aged under 16 were seen in non-residential treatment, accounting for 50% of all its cases. The 65 or older age group was seen in the smallest numbers across all treatment agencies in Ontario. The unemployed or disabled group comprised 48.2% of total cases. Among the type of agency, detoxification and long-term residential agencies had the highest percentage of unemployed or disabled (65.5% and 59.9% respectively).

Table 1.14 shows the total (reported and estimated) cost of care to alcohol/drug cases in Ontario in 1991-92. Reported and estimated data for the costs of care to alcohol/drug cases for the 227 specialized alcohol/drug treatment agencies totalled about \$116 million. On average, Ontario pays \$1,303.56 per case to provide direct treatment services. In terms of region, Metro Toronto comprised 34.0% of total cost; the Western region comprised 29.0%; the Northern region comprised 18.8%; and the Eastern region comprised 18.2%. Provincial sources accounted for 84.0% of the total costs, while the rest was accounted for by federal (4.3%), municipal sources (2.3%), United Way (0.5%), user fees (2.5%) and other sources (6.5%).

Among the provincial sources, the Ministry of Health was the main source of funding for these agencies, accounting for 79.7% of the total provincial fund. The remainder was accounted for by Community and Social Services (13.4%), Correctional Services (3.7%), and Other (3.2%). Detoxification agencies were totally funded by the Community Mental Health Branch of the Ministry of Health. Short-term residential treatment agencies were funded by the Ministry of Health (92.7%), Community Services (3.7%), Correctional Services (0.3%), and other (3.3%). Long-term residential agencies received funding by the Ministry of Community and Social Services (55.8%), Ministry of Health (19.3%), Ministry of Correctional Services (15.0%), and Other (9.9%). Non-residential agencies received 97.4% funding by Ministry of Health. Assessment/referral agencies were also funded mostly by the Ministry of Health (96.4%).

Health and Welfare was the main source of federal funds for these agencies, accounting for 45.0% of total federal funds. The remainder accounted for by Correctional Services (44.3%), Employment and Immigration (10.5%), and Other (0.3%). Only three agencies received funds from the federal government. Long-term residential received 81.0% funding from Correctional Services, 18.2% from Health and Welfare, 0.5% from Immigration, and 0.3% from Other. Short-term residential received 98.6% funding from Health and Welfare, 0.8% from Correctional Services, and 0.6% from Other. Non-residential received 56.2% funding from Employment and Immigration, and 43.9% from Health and Welfare.

#### Reference

Ellis K. And B. Rush, <u>Alcohol and Other Drug Services in Ontario: Results of a Provincial Survey, 1991-92</u> (Toronto: Addiction Research Foundation, 1994).

Health and Welfare Canada, <u>Alcohol in Canada: A National Perspective</u> (Ottawa: National Health and Welfare, 1984).

Ontario Ministry of Transportation and Communications, <u>Ontario Motor Vehicle Accident Facts</u>, <u>1984</u> (Toronto: Ministry of Transportation and Communications, undated).

Ontario Ministry of Transportation and Communications, <u>Ontario Road Safety Annual Report 1985</u>, <u>1986</u>, <u>1987</u>, <u>1988</u>, <u>1989</u>, <u>1990</u>, <u>1991</u>, and <u>1992</u> (Toronto: Ministry of Transportation and Communication for 1985 and 1986, Ministry of Transportation subsequent years, undated).

Statistics Canada, <u>Annual Demographic Statistics</u>, 1993 (Ottawa: Statistics Canada, Catalogue 91-213, Annual).

Statistics Canada, Canadian Centre for Justice Statistics.

Statistics Canada, <u>Canadian Crime Statistics 1984</u>, <u>1985</u>, <u>1986</u>, <u>1987</u>, <u>1988</u>, <u>1989</u>, <u>1990</u>, <u>1991</u>, and <u>1992</u> (Ottawa: Statistics Canada, Catalogue No.85-205, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1993, and 1994, respectively).

Statistics Canada, <u>Causes of Death - Vital Statistics Volume IV 1986</u> (Ottawa: Statistics Canada, Catalogue No. 84- 203, 1988).

Statistics Canada, <u>Causes of Death</u>, <u>1987</u>, <u>1988</u>, <u>1989</u>, and <u>1990</u> (Ottawa: Statistics Canada, Catalogue No. 82-003s, 1989, 1990, 1991, and 1992, respectively).

Statistics Canada, <u>Causes of Death, 1991</u> and <u>1992</u> (Ottawa: Statistics Canada, Catalogue No. 84-208, 1993 and 1994 respectively).

Statistics Canada, Public Institution Division.

Statistics Canada, <u>Revised Intercensal Population and Family Estimates</u>, <u>July 1, 1971-1991</u> (Ottawa: Statistics Canada, Catalogue No. 91-537, Occasional).

Traffic Injury Research Foundation, D.R. Mayhew, H.M. Simpson and K.N. Wood, <u>Alcohol Use by Persons Fatally Injury in Motor Vehicle Accidents: Canada, 1992</u> (Ottawa: Transport Canada, Road Safety and Motor Vehicle Regulation Directorate, March 1994).

Table 2.1 Sales of beverage alcohol and volume of absolute alcohol per person aged 15 or older, Ontario, 1971-72 to 1993-94

Year	Bev	erage alcoh	ol (x000Litre	s)	Absolute alcohol per person 15+ (Litres)				
	Beer	Wine	Spirits	Total	Beer	Wine	Spirits	Total	
1971-72	642,036	36,300	53,734	732,070	5.69	0.84	3.81	10.34	
1972-73	662,725	39,491	56,948	759,164	5.74	0.89	3.95	10.57	
1973-74	700,757	41,087	62,953	804,797	5.93	0.90	4.26	11.09	
1974-75	709,699	43,251	68,240	821,190	5.85	0.93	4.50	11.28	
1975-76	718,918	46,246	69,476	834,640	5.79	0.97	4.48	11.24	
1976-77	696,402	51,752	73,045	821,199	5.49	1.06	4.61	11,17	
1977-78	720,473	58,625	73,877	852,975	5.57	1.18	4.57	11.32	
1978-79	734,866	66,462	73,032	874,360	5.57	1.31	4.43	11.32	
1979-80	742,335	69,340	73,796	885,471	5.53	1.33	4.37	11.23	
1980-81	760,596	71,486	73,286	905,368	5.57	1.34	4.23	11.14	
1981-82	760,109	75,682	73,118	908,909	5.48	1.38	4.14	11.01	
1982-83	763,955	80,437	70,181	914,573	5.42	1.43	3.88	10.73	
1983-84	777,084	80,782	65,831	923,697	5.42	1.40	3.56	10.38	
1984-85	765,808	84,898	64,777	915,483	5.25	1.44	3.41	10.10	
1985-86	803,561	85,663	62,642	951,866	5.41	1.41	3.22	10.05	
1986-87	805,620	85,383	63,886	954,889	5.31	1.37	3.21	9.88	
1987-88	841,565	89,846	67,160	998,571	5.40	1.40	3.27	10.07	
1988-89	836,569	84,741	67,227	988,537	5.24	1.28	3.19	9.70	
1989-90	829,824	80,051	63,866	973,741	5.04	1.17	2.93	9.13	
1990-91	813,304	79,166	59,700	952,170	4.83	1.12	2.67	8.62	
1991-92	788,218	78,442	55,389	922,049	4.62	1.10	2.45	8.17	
1992-93	738,902	77,417	50,565	866,884	4.28	1.07	2.21	7.56	
1993-94	733,285	77,174	48,955	859,414	4.16	1.05	2.09	7.30	

<sup>&</sup>lt;sup>1</sup> The alcohol content is estimated to have been 36.9% for spirits, 4.9% for beer and 11.7% for wine.

Source: Statistics Canada, The Control and Sale of Alcoholic Beverages in Canada - Fiscal Year Ended March 31, 1994 (Ottawa: Statistics Canada, Catalogue No. 63-202, 1995).

Table 2.2 Motor vehicle traffic accidents for alcohol-involved drivers by nature of injury, Ontario, 1984 to 19921

### Number of drivers involved in accidents with ability

	impaired by drink or who had been drinking									
Class of accident	1984	1985	1986	1987	1988	1989	1990	1991	1992	
Fatal	492	459	415	434	407	362	309	318	325	
Non-fatal	11,220	10,690	9,148	9,783	8,415	7,987	6,809	6,487	6,129	
Property damage only	12,027	9,608	8,027	8,380	9,173	9,427	8,673	8,006	8,454	
Total	23,739	20,757	17,590	18,597	17,995	17,776	15,791	14,811	14,908	

	Rate per 100,000 licensed drivers								
Class of accident	1984	1985	1986	1987	1988	1989	1990	1991	1992
Fatal	8.9	8.1	7.1	7.3	6.7	5.8	4.8	4.8	4.9
Non-fatal	203.5	188.9	157.2	163.6	137.5	127.0	105.6	98.7	91.6
Property damage only	218.1	169.7	138.0	140.2	149.9	149.9	134.5	121.8	126.4
Total	430.5	366.7	302.3	311.1	294.1	282.6	244.9	225.3	222.9

### Percentage of drivers involved in accidents with ability impaired

	or who had been drinking relative to total drivers?									
Class of accident	1984	1985	1986	1987	1988	1989	1990	1991	1992	
Fatal	31.1	29.0	27.4	25.5	23.0	19.3	18.9	20.1	20.5	
Non-fatal	9.9	8.2	7.0	6.8	5.9	5.5	5.6	6.0	5.7	
Property damage only	5.5	4.8	4.1	3.9	3.5	3.2	3.2	3.0	2.9	
Total - Property Community	7.1	6.3	5.4	5.2	4.4	4.0	4.0	3.9	3.7	

<sup>&</sup>lt;sup>1</sup> The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred. (These statistics will not necessarily agree with those found in Vital Statistics, which reports deaths of Canadian residents by province of residence regardless of place of death.)

Source: Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, 1988 - 1989, 1990, 1991, and 1992 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

<sup>&</sup>lt;sup>2</sup> For each class of accident, percentages are based on the total number of alcohol-involved drivers relative to total drivers within that class irrespective of driver condition.

Table 2.3 Motor vehicle traffic accidents for alcohol-involved drivers by age of driver2, Ontario, 1984 to 1992

Number of alcohol-involved drivers2											
1984	1985	1986	1987	1988	1989	1990	1991	1992			
26	27	25	28	39	32	37		18			
218	187	107	145	118	125	119		87			
489	395	303	327	307	244			217			
886	700	535	536	496	488			321			
1,459	1,096	874	850	817	753			507			
3,052	2,378	1,819	1,858	1.738				1,132			
6,893	5,988	5,008	4,915	·	*	,	,	2,741			
7,157	6,431	5,849	6,448	6,309	, -	,		5,399			
3,408	3,065	2,594	2,872	,	,	,	,	3,063			
1,754	1,594	1,298	1,375	1,318	· ·	'	,	1,371			
1,035	917	687	778	807		*		630			
380	333	293	296					336			
34	24	17	27					218			
23,739	20,757	17,590	18,597	17,995	17,776	15,791	14,811	14,908			
	26 218 489 886 1,459 3,052 6,893 7,157 3,408 1,754 1,035 380 34	26 27 218 187 489 395 886 700 1,459 1,096 3,052 2,378 6,893 5,988 7,157 6,431 3,408 3,065 1,754 1,594 1,035 917 380 333 34 24	26 27 25 218 187 107 489 395 303 886 700 535 1,459 1,096 874 3,052 2,378 1,819 6,893 5,988 5,008 7,157 6,431 5,849 3,408 3,065 2,594 1,754 1,594 1,298 1,035 917 687 380 333 293 34 24 17	1984         1985         1986         1987           26         27         25         28           218         187         107         145           489         395         303         327           886         700         535         536           1,459         1,096         874         850           3,052         2,378         1,819         1,858           6,893         5,988         5,008         4,915           7,157         6,431         5,849         6,448           3,408         3,065         2,594         2,872           1,754         1,594         1,298         1,375           1,035         917         687         778           380         333         293         296           34         24         17         27	1984         1985         1986         1987         1988           26         27         25         28         39           218         187         107         145         118           489         395         303         327         307           886         700         535         536         496           1,459         1,096         874         850         817           3,052         2,378         1,819         1,858         1,738           6,893         5,988         5,008         4,915         4,245           7,157         6,431         5,849         6,448         6,309           3,408         3,065         2,594         2,872         3,000           1,754         1,594         1,298         1,375         1,318           1,035         917         687         778         807           380         333         293         296         327           34         24         17         27         212	1984         1985         1986         1987         1988         1989           26         27         25         28         39         32           218         187         107         145         118         125           489         395         303         327         307         244           886         700         535         536         496         488           1,459         1,096         874         850         817         753           3,052         2,378         1,819         1,858         1,738         1,610           6,893         5,988         5,008         4,915         4,245         3,972           7,157         6,431         5,849         6,448         6,309         6,422           3,408         3,065         2,594         2,872         3,000         3,014           1,754         1,594         1,298         1,375         1,318         1,421           1,035         917         687         778         807         759           380         333         293         296         327         309           34         24         17         27	1984         1985         1986         1987         1988         1989         1990           26         27         25         28         39         32         37           218         187         107         145         118         125         119           489         395         303         327         307         244         240           886         700         535         536         496         488         378           1,459         1,096         874         850         817         753         589           3,052         2,378         1,819         1,858         1,738         1,610         1,326           6,893         5,988         5,008         4,915         4,245         3,972         3,097           7,157         6,431         5,849         6,448         6,309         6,422         5,959           3,408         3,065         2,594         2,872         3,000         3,014         2,889           1,754         1,594         1,298         1,375         1,318         1,421         1,265           1,035         917         687         778         807         759	1984         1985         1986         1987         1988         1989         1990         1991           26         27         25         28         39         32         37         36           218         187         107         145         118         125         119         101           489         395         303         327         307         244         240         226           886         700         535         536         496         488         378         359           1,459         1,096         874         850         817         753         589         515           3,052         2,378         1,819         1,858         1,738         1,610         1,326         1,201           6,893         5,988         5,008         4,915         4,245         3,972         3,097         2,883           7,157         6,431         5,849         6,448         6,309         6,422         5,959         5,487           3,408         3,065         2,594         2,872         3,000         3,014         2,889         2,846           1,754         1,594         1,298         1,375			

Percentage age distribution of alcohol-involved drivers2												
Driver's age	1984	1985	1986	1987	1988	1989	1990	1991	1992			
Under 16	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1			
16	0.9	0.9	0.6	0.8	0.7	0.7	0.8	0.7	0.6			
17	2.1	1.9	1.7	1.8	1.7	1.4	1.5	1.5	1.5			
18	3.7	3.4	3.0	2.9	2.8	2.7	2.4	2.4	2.2			
19	6.1	5.3	5.0	4.6	4.5	4.2	3.7	3.5	3.4			
16 - 19	12.9	11.5	10.3	10.0	9.7	9.1	8.4	8.1	7.6			
20 - 24	29.0	28.8	28.5	26.4	23.6	22.3	19.6	19.5	18.4			
25 - 34	30.1	31.0	33.3	34.7	35.1	36.1	37.7	37.0	36.2			
35 - 44	14.4	14.8	14.7	15.4	16.7	17.0	18.3	19.2	20.5			
45 - 54	7.4	7.7	7.4	7.4	7.3	8.0	8.0	8.4	9.2			
55 - 64	4.4	4.4	3.9	4.2	4.5	4.3	4.4	3.8	4.2			
65 and over	1,6	1.6	1.7	1.6	1.8	1.7	1.9	2.3	2.3			
Unknown	0.1	0.1	0.1	0.1	1.2	1.3	1.5	1.4	1.5			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			

_	Rate per 1,000 licensed drivers2												
river's age	1984	1985	1986	1987	1988	1989	1990	1991	1992				
16	7.5	6.0	3.4	4.3	3.8	3.5	3.2	2.7	2.5				
17	7.0	5.5	4.1	4.2	4.0	3.1	3.0	2.8	2.7				
18	9.7	7.9	6.0	5.7	5.1	5.0	3.9	3.8	3.4				
19	13.3	10.7	8.8	8.4	7.8	6.8	5.4	4.8	4.9				
16 - 19	10.2	8.1	6.2	6.1	5.6	5.0	4.1	3.8	3.6				
20 - 24	10.0	8.7	7.4	7.4	6.6	6.3	4.9	4.6	4.4				
25 - 34	5.1	4.5	3.9	4.2	4.0	3.9	3.6	3.3	3.2				
35 - 44	2.9	2.5	2.1	2.2	2.2	2.1	2.0	1.9	2.0				
45 - 54	2.2	1.9	1.5	1.6	1.5	1.5	1.3	1.2	1.3				
55 - 64	1.5	1.3	1.0	1.1	1.1	1.1	1.0	8.0	0.8				
65 and over	0.8	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.5				
Totals	43	3.7	3.0	3.1	2.9	2.8	2.4	2.3	2.2				

## Table 2.3 Motor vehicle traffic accidents for alcohol-involved drivers by age of driver2, Ontario, 1984 to 1992 - Concluded

Note: The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred. (These statistics will not necessarily agree with those found in Vital Statistics, which reports deaths of Canadian residents by province of residence regardless of place of death.)

Source: Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, 1988 - 1989, 1990, 1991, and 1992 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

<sup>&</sup>lt;sup>1</sup> Includes drivers with "ability impaired" by alcohol or who "had been drinking."

<sup>&</sup>lt;sup>2</sup> Includes fatal, non-fatal and property damage accidents.

Includes alcohol-involved drivers under 16 years of age and whose age is unknown.

Table 2.4 Motor vehicle traffic accidents for alcohol-involved pedestrians by nature of injury, Ontario, 1984 to 19921

Number of accidents involving pedestrians with ability

1984	4005							
	1985	1986	1987	1988	1989	1990	1991	1992
58	52	42	57	37	21	37	34	32
558	505	528	565	571	521	548	489	474
616	557	570	622	608	542	585	523	506
	558	558 505	558 505 528	558 505 528 565	558 505 528 565 571	558 505 528 565 571 521	558 505 528 565 571 521 548	558 505 528 565 571 521 548 489

	Rate per 100,000 accidents									
Severity of Injury	1984	1985	1986	1987	1988	1989	1990	1991	1992	
Fatal	29.8	27.4	22.4	28.0	16.2	8.5	16.8	15.9	14.3	
Non-Fatal	286.5	266.1	281.9	277.7	250.0	210.9	248.9	228.9	211.4	
Total	316.3	293.5	304.3	305.8	266.2	219.4	265.7	244.8	225.6	

Percentage of accidents involving pedestrians with ability impaired by drink or who had been drinking relative to total accidents?

1987	1988	4000			
	1300	1989	1990	1991	1992
30.5	19.9	13.0	24.0	21.7	22.9
9.5	9.0	8.4	9.4	9.1	9.2
10.2	9.3	8.5	9.8	9.5	9.5
	9.5	30.5 19.9 9.5 9.0	30.5 19.9 13.0 9.5 9.0 8.4	30.5 19.9 13.0 24.0 9.5 9.0 8.4 9.4	30.5 19.9 13.0 24.0 21.7 9.5 9.0 8.4 9.4 9.1

The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred. (These Statistics will not necessarily agree with those found in <u>Vital Statistics</u>. which reports deaths of Canadian residents by province of residence regardless of place of death.)

Source: Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, 1988, 1989, 1990, 1991, and 1992 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

For each class of accident, percentages are based on the total number of accidents for alcohol-involved pedestrians relative to total pedestrian-related accidents within that class irrespective of pedestrian condition.

Table 2.5 Distribution of blood alcohol concentration (BAC) among fatally1 injured drivers2, Ontario, 1980 to 1993

Yea	r	Num	ber of:	Drivers teste	ed grouped by BAC	(mg%)
		Drivers	Drivers tested	Zero	1-80	>80
	4000	452	440	175	38	206
	1980	453	419 92.5	175 41.8	9.1	49.2
			92.5	41.0	9.1	49.2
	1981	460	432	180	44	208
		·	93.9	41.7	10.2	48.1
	1982	384	357	168	30	159
			93.0	47.1	8.4	44.5
	1983	398	370	187	31	152
		ese II	93.0	50.5	8:4	41:1
			·			
	1984	337	309	159	28	122
1			91.7	51.5	9.1	39.5
	1985	363	338	164	37	137
	1303	303	93.1	48.5	10.9	40.5
			40,1	10.0	, 0.0	10.0
	1986	372	351	186	28	137
			94.4	53.0	8.0	39.0
	1987	420	.363	203	27	133
	1907	420	86.4	55.9	7.4	36.6
			50.4	00.0	7.7	00.0
	1988	398	370	201	42	127
			93.0	54.3	11.3	34.4
	4000	440	407	254	25	404
	1989	449	407 90.6	251 61.7	35 8.6	121 29.7
			90.0	01.7	0.0	29.1
	1990	655	520	308	41	171
			79.4	59.2	7.9	32.9
			1.54	e e e e e e e e e e e e e e e e e e e	1000	
	1991	659	497	271	39	187
			75.4	54.5	7.8	37.6
	1992	677	521	280	42	199
	1002		76.9	53.7	8.1	38.2
	1993	711	543	299	45	199
	## x # .* .	A Committee of the Comm	76.4	55.1	8.3	36.6

<sup>1</sup> Includes only drivers who died within 6 hours of their accidents; as a result, figures should not be compared to data in Table 2.6.

Source: Traffic Injury Research Foundation, D.R. Mayhew, H.M. Simpson and K.N. Wood, <u>Alcohol Use by Persons Fatally Injured in Motor Vehicle Accidents: Canada, 1991</u> (Ottawa: Transport Canada, Road Safety and Motor Vehicle Regulation Directorate, March 1993).

<sup>&</sup>lt;sup>2</sup> Includes drivers of automobiles, non-articulated trucks/vans, motorcycles, tractor trailers and buses. Excluded are operators of snowmobiles, other off-road vehicles, and bicycles.

Table 2.6 Distribution of blood alcohol concentration (BAC) among fatally1 injured drivers2 by age, Ontario, 1993

Age	Numi	per of :		Drivers tested	grouped by	BAC (mg%)	
	Drivers	Drivers tested	Zero	1-49	50-80	81-150	>150
< 16	3	2 66.7 %	2 100.0 %	- %	- %	- %	- - %
16-17	21	11 52.4	8 72.7	-	9.1	1 -	1 9.1
18-19	37	28 75.7	20 71.4	-	1 3.6	-	7 25.0
20-25	130	110 84.6	56 50.9	6 5.5	8 7.3	15 13,6	25 22.7
26-35	151	129 85.4	58 45.0	7 5.4	3 2.3	13 10.1	48 37.2
36-45	128	110 85.9	60 54.5	2 1.8	2 1.8	4 3.6	42 38.2
46-55	92	66 71.7	37 56.1	5 7.6	2 3.0	4 6.1	18 27.3
> 55	150	87 58.0	58 66.7	7 8.0	1 1.1	3 3.4	18 20.7
Total	712	543 76.3	299 55.1	27 5.0	18 3.3	40 7.4	159 29.3

Includes drivers dying within 12 months as a result of injuries sustained in a collision involving a motor vehicle. These results should not be compared with the results in Table 2.5.

Source: Traffic Injury Research Foundation, D.R. Mayhew, H.M. Simpson and K.N. Wood, <u>Alcohol Use by Persons Fatally Injured in Motor Vehicle Accidents: Canada, 1991</u> (Ottawa: Transport Canada, Road Safety and Motor Vehicle Regulation Directorate, March 1993).

Includes drivers of automobiles, non-articulated trucks/vans, motorcycles, tractor trailers and buses. Excluded are operators of snowmobiles, other off-road vehicles, and bicycles.

Table 2.7 Number of alcohol-related traffic offences and persons1 charged by sex, Ontario, 1986 to 1993

		Numb	er of alco	hol-related	traffic off	ences		
Offence	1986	1987	1988	1989	1990	1991	1992	1993
Impaired operation of vehicle								
Causing death	45	66	75	61	34	33	51	42
Causing bodily harm	665	622	570	582	489	421	385	290
Blood alcohol over 80mg%	37,659	35,611	35,510	35,993	33,305	31,056	31,093	26,016
Total impaired operation of vehicle	38,369	36,299	36,155	36,636	33,828	31,510	31,529	26,348
Fail or refuse to provide								
Breath sample	2,719	2,660	2,892	2,957	2,879	2,519	2,223	1,853
Blood sample	50	56	61	74	72	32	47	20
Total	41,138	39,015	39,108	39,667	36,779	34,061	33,799	28,221
	81-		AL EC CII	ADCED:	4h -1h-1		£5: - £5	
							affic offence	
Offence	1986	1987	1988	1989	1990	1991	1992	1993
Impaired operation of vehicle								
Causing death	41	57	67	53	32	28	34	33

	Mainbel of MALES STATED With algorith felated trains offendes									
Offence	1986	1987	1988	1989	1990	1991	1992	1993		
Impaired operation of vehicle										
Causing death	41	57	67	53	32	28	34	33		
Causing bodily harm	566	541	47.1	463	392	357	345	255		
Blood alcohol over 80mg%	32,711	31,782	31,168	31,651	29,099	27,183	27,182	22,053		
Total impaired operation of vehicle	33,318	32,380	31,706	32,167	29,523	27,568	27,561	22,341		
Fail or refuse to provide										
Breath sample	2,366	2,277	2,353	2,317	2,213	1,887	1,722	1,433		
Blood sample	40	51	49	54	58	21	39	12		
Total offences	35,724	34,708	34,108	34,538	31,794	29,476	29,322	23,786		

	Numi	per of FEM	IALES CH	ARGED wil	th alcohol-	related tra	ffic offenc	es
Offence	1986	1987	1988	1989	1990	1991	1992	1993
Impaired operation of vehicle								
Causing death	4	5	5	4	2	-	1	5
Causing bodily harm	70	-44	49	31	37	. 12	19	23
Blood alcohol over 80mg%	2,950	3,117	2,930	3,100	2,819	1,975	1,758	2,207
Total impaired operation of vehicle	3,024	3,166	2,984	3,135	2,858	1,987	1,778	2,235
Fail or refuse to provide								
Breath sample	244	290	284	291	257	205	193	153
Blood sample	2	1	5	5	4	2	2	3
Total offences	3,270	3,457	3,273	3,431	3,119	2,194	1,973	2,391

	Nun	ber of PE	RSONS CH	ARGED w	ith alcoho	l-related tr	affic offend	ces
Offence	1986	1987	1988	1989	1990	1991	1992	1993
Impaired operation of vehicle								
Causing death	45	62	72	57	34	28	35	38
Causing bodily harm	636	585	520	494	429	369	364	278
Blood alcohol over 80mg%	35,661	34,899	34,098	34,751	31,918	29,158	28,940	24,260
Total impaired operation of vehicle	36,342	35,546	34,690	35,302	32,381	29,555	29,339	24,576
Fail or refuse to provide								
Breath sample	2,610	2,567	2,637	2,608	2,470	2,092	1,915	1,586
Blood sample	42	52	54	59	62	23	41	15
Total	38,994	38,165	37,381	37,969	34,913	31,670	31,295	26,177

<sup>&</sup>lt;sup>1</sup> Includes adults and juveniles.

Source: Statistics Canada, Canadian Centre for Justice Statistics.

Table 2.8 Alcohol-related traffic offences and persons1 charged by sex, rates per 100,000 age 19 and over, Ontario, 1986 to 1993

			Alcoho	I-related to	raffic offen	ces		
Offence	1986	1987	1988	1989	1990	1991	1992	1993
Impaired operation of vehicle								
Causing death	0.6	0.9	1.0	0.8	0.4	0.4	0.6	0.5
Causing bodily harm	9.5	8.7	7.8	7.7	6.4	5.4	4.9	3.6
Blood alcohol over 80mg%	538.9	497.4	485.1	477.3	432.9	398.5	393.7	325.4
Total impaired operation of vehicle	549.1	507.0	493.9	485.8	439.7	404.3	399.3	329.6
Fail or refuse to provide								
Breath sample	38.9	37.2	39.5	39.2	37.4	32.3	28.2	23.2
Blood sample	0.7	0.8	0.8	1.0	0.9	0.4	0.6	0.3
Total	588.7	545.0	534.3	526.0	478.1	437.1	428.0	353.0

	MALES CHARGED with alcohol-related traffic offences										
Offence	1986	1987	1988	1989	1990	1991	1992	1993			
Impaired operation of vehicle											
Causing death	1.2	1.6	1.9	1.4	0.9	0.7	0.9	0.8			
Causing bodily harm	16.6	15.5	13.2	12.6	10.4	9.4	9.0	6.5			
Blood alcohol over 80mg%	958.5	908.5	871.5	859.6	775.1	715.0	705.5	565.6			
Total impaired operation of vehicle	976.3	925.6	886.6	873.6	786.4	725.1	715.3	572.9			
Fail or refuse to provide											
Breath sample	69.3	65.1	65.8	62.9	58.9	49.6	44.7	36.8			
Blood sample	1.2	1.5	1.4	1.5	1.5	0.6	1.0	0.3			
Total offences	1,046.8	992.2	953.7	938.0	846.9	775.3	761.0	610.0			

	FEMALES CHARGED with alcohol-related traffic offences										
Offence	1986	1987	1988	1989	1990	1991	1992	1993			
Impaired operation of vehicle											
Causing death	0.1	0.1	0.1	0.1	0.1	-	0.0	0.1			
Causing bodily harm	2.0	1.2	1.3	0.8	0.9	0.3	0.5	0.6			
Blood alcohol over 80mg%	82.5	85.1	78.3	80.3	71.6	49.5	43.5	53.9			
Total impaired operation of vehicle	84.6	86.5	79.7	81.2	72.6	49.8	44.0	54.6			
Fail or refuse to provide								1			
Breath sample	6.8	7.9	7.6	7.5	6.5	5.1	4.8	3.7			
Blood sample	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.1			
Total offences	91.5	94.4	87.4	88.9	79.2	55.0	48.8	58.4			

	PERSONS CHARGED with alcohol-related traffic offences										
Offence	1986	1987	1988	1989	1990	1991	1992	1993			
Impaired operation of vehicle											
Causing death	0.6	0.9	1.0	0.8	0.4	0.4	0.4	0.5			
Causing bodily harm	9.1	8.2	7.1	6.6	5.6	4.7	4.6	3.5			
Blood alcohol over 80mg%	510.3	487.5	465.8	460.9	414.9	374.1	366.5	303.5			
Total impaired operation of vehicle	520.1	496.5	473.9	468.2	420.9	379.2	371.5	307.4			
Fail or refuse to provide											
Breath sample	37.4	35.9	36.0	34.6	32.1	26.8	24.3	19.8			
Blood sample	0.6	0.7	0.7	0.8	0.8	0.3	0.5	0.2			
Total	558.0	533.1	510.7	503.5	453.8	406.4	396.3	327.4			

<sup>&</sup>lt;sup>1</sup> Includes adults and juveniles.

Source: Statistics Canada, Canadian Centre for Justice Statistics; Statistics Canada, Revised Intercensal Population and Family Estimates.

July. 1, 1971-1991 (Ottawa: Statistics Canada, Catalogue No. 91-537, Occasional); Statistics Canada, Annual Demographic Statistics, 1993 (Ottawa: Statistics Canada, Catalogue 91-213, Annual).

Table 2.9 Liquor act offences and persons charged, number and rate per 100,000 age 19 and over, Ontario, 1984 to 1993

Number of liquor act offences and persons charged 1988 1989 1990 1992 1993 1984 1987 1991 1985 1986 117,652 106,851 98,035 85,440 69,357 Liquor act offences 129,255 123,650 137,483 120,449 137,399 9,668 8,957 6,677 6,304 4,481 2,746 Juvenile offenders 8,932 10,353 n.a. n.a. Adults charged 119,605 101,610 111,196 105,188 101,714 95,117 83,410 71,321 58,678 44,749 Males 8,794 7,885 Females 11,246 10,088 11,995 10,948 11,267 10,666 9,913 5,699 Total adults 111,698 123,191 116,136 112,981 105,783 93,323 80,115 66,563 50,448 130,851

		Rates per 100,000 age 19 and over										
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993		
Liquor act offences	2,047.4	1,758.3	1,966.3	1,805.4	1,689.2	1,560.2	1,389.0	1,258.0	1,082.0	878.3		
Adults charged												
Males	1,781.1	1,483.3	1,591.3	1,469.3	1,389.5	1,261.4	1,084.2	915.2	743.1	566.7		
Females	167.5	147.3	171.7	152.9	153.9	141.4	128.9	112.8	99.9	72.2		
Total adults	1,948.6	1,630.5	1,763.0	1,622.2	1,543.4	1,402.8	1,213.1	1,028.0	842.9	638.9		

<sup>&</sup>lt;sup>1</sup> Includes both "juveniles charged" and "juveniles not charged." Data for 1984 and 1985, although available, were not included because of changes in definitions (Young Offenders Act was introduced) that occurred during that period.

**Note:** Changes in the number of drug offences reported by the police may reflect changes in police enforcement practices rather than any real increase or decrease in drug usage among the population.

Source: Statistics Canada, Canadian Crime Statistics 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, and 1992 (Ottawa: Statistics Canada, Catalogue No.85-205, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1993, and 1994 respectively); Statistics Canada, Revised Intercensal Population and Family Estimates. July. 1, 1971-1991 (Ottawa: Statistics Canada, Catalogue No. 91-537, Occasional); Statistics Canada, Annual Demographic Statistics, 1993 (Ottawa: Statistics Canada, Catalogue 91-213, Annual).

Table 2.10 Primary alcohol-related hospital separations by age and sex, Ontario, 1991-92 to 1993-94

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
			To	otal alcohol	-related ho	spital sepa	rations		
0-14	102	83	80	123	90	82	225	173	162
15-19	219	204	164	156	145	. 98	375	349	262
20-24	217	210	172	95	87	62	312	297	234
25-34	1,074	953	809	440	387	353	1,514	1,340	1,162
35-44	1,568	1,643	1,536	539	530	515	2,107	2,173	2,051
45-54	1,361	1,319	1,324	580	494	525	1,941	1,813	1,849
55-64	1,382	1,356	1,279	559	466	428	1,941	1,822	1,707
65+	1,455	1,275	1,297	711	636	662	2,166	1,911	1,959
Unknown	2	3		1	_	-	3	3	-
Total	7,380	7,046	6,661	3,204	2,835	2,725	10,584	9,881	9,386
				Ald	coholic psy	/choses			
0-14	1	-	-	-	-	-	1	-	-
15-19	3	4	8	2	3	-	5	7	8
20-24	15	14	17	4	4	4	19	18	21
25-34	147	103	127	36	36	33	183	139	160
35-44	256	343	286	79	77	60	335	420	346
45-54	250	253	236	82	75	63	332	328	299
55-64	260	244	250	63	51	53	323	295	303
65+	259	228	254	83	88	76	342	316	330
Unknown	-	-	-	-	-	-	-	-	-
Total	1,191	1,189	1,178	349	334	289	1,540	1,523	1,467
					-	ce syndron		0	6
0-14	4	5	2	8	4	4	12	9	6
15-19	41	36	22	20	20	10	61	56	32
20-24	112	118	73	47	30	22	159	148	95
25-34	634	576	451	221	205	190	855	781	641
35-44	821	777	712	229	228	241	1,050	1,005	953
45-54	638	541	536	226	191	181	864	732	717
55-64	476	396	364	189	136	105	665	532	469
65+	474	372	346	171	143	150	645	515	496
Unknown	-	1	-	-	-	<del>-</del>		1	- 400
Total	3,200	2,822	2,506	1,111	957_	903	4,311	3,779	3,409
					1 4 .1	6 - 1 - 0 - 1			
			4.4			use of alcoh	106	92	74
0-14	41	35	41	65	57	33		224	188
15-19	138	131	. 114	100	93	74	238 91	96	88
20-24	63	61	67	28	35	21	200	221	152
25-34	133	149	93	67	72	59		198	187
35-44	119	132	122	65	66	65	184	117	123
45-54	70	88	85	41	29	38	111		56
55-64	57	61	41	20	21	15	77	82	
	75	52	58	30	28	27	105	80	85
65+	13	-0.2						4	
65+ Unknown	696	1 710	621	416	401	332 _	1,112	1,111	953

Table 2.10 Primary alcohol-related hospital separations by age and sex, Ontario, 1991-92 to 1993-94- Concluded

Age		Male			Female			Total	
9	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
				C1	!!	u d alaula a			
						e and cirrho			00
0-14	19	20	9	18	8	11	37	28	20
15-19	6	8	3	4	4	4	1.0	12	7
20-24	13	6	6	10	12	11	23	18	17
25-34	108	91	96	83	55	40	191	146	136
35-44	331	345	372	147	136	131	478	481	503
45-54	389	415	449	217	182	232	606	597	681
55-64	576	638	611	281	254	251	857	892	862
65+	638	614	632	420	370	405	1,058	984	1,037
Unknown	1	-		-	-	-	1	-	-
Total	2,081	2,137	2,178	1,180	1,021	1,085	3,261	3,158	3,263
				Toxi	ic effects o	f alcohol			
0-14	37	23	28	32	21	34	69	44	62
15-19	31	25	17	30	25	10	61	50	27
20-24	14	11	9	6	6	4	20	17	13
25-34	52	34	42	33	19	31	85	53	73
35-44	41	46	44	19	23	18	60	69	62
45-54	14	22	18	14	17	11	28	39	29
55-64	13	17	13	6	4	4	19	21	17
65+	9	9	7	7	7	4	16	16	11
Unknown	1	1	_	1	_	_	2	1	
Ollikilottii	212	188	178	148			~		

<sup>&</sup>lt;sup>1</sup> For medical conditions included under each diagnostic category see Technical Notes.

Table 2.11 Primary alcohol-related hospital separations by age and sex, rate per 100,000 population, Ontario, 1991-92 to 1993-94

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
						spital separ			
0-14	9.4	7.5	7.2	11.9	8.6	7.8	10.6	8.0	7.5
15-19	60.4	56.7	45.6	45.2	42.3	28.6	53.0	49.7	37.3
20-24	53.3	52.0	42.6	23.7	22.0	15.7	38.6	37.2	29.3
25-34	109.6	97.8	83.0	45.8	40.6	37.0	78.0	69.5	60.3
35-44	191.2	197.7	184.8	65.0	62.9	61.2	127.7	129.9	122.6
45-54	. 241.7	221.6	222.6	104.1	83.6	88.9	173.3	152.9	156.0
55-64	303.9	296.8	280.0	119.7	99.5	91.4	210.6	196.9	184.5
65+	290.7	245.8	250.3	101.3	0.88	91.6	180.1	153.9	157.9
Total	142.6	134.4	127.0	60.5	52.8	50.8	101.1	93.1	88.5
				Alc	oholic psy	choses			
0-14	0.1		_	-		-	0.0		-
15-19	0.8	1.1	2.2	0.6	0.9	-	0.7	1.0	1.1
20-24	3.7	3.5	4.2	1.0	1.0	1.0	2.4	2.3	2.6
25-34	15.0	10.6	13.0	3.7	3.8	3.5	9.4	7.2	8.3
35-44	31.2	41.3	34.4	9.5	9.1	7.1	20.3	25.1	20.7
45-54	44.4	42.5	39.7	14.7	12.7	10.7	29.6	27.7	25.2
55-64	57.2	53.4	54.7	13.5	10.9	11.3	35.0	31.9	32.7
65+	51.7	44.0	49.0	11.8	12.2	10.5	28.4	25.4	26.6
Total	23.0	22.7	22.5	6.6	6.2	5.4	14.7	14.4	13.8
10001	20.0								
						ce syndrom			
0-14	0.4	0.5	0.2	0.8	0.4	0.4	0.6	0.4	0.3
15-19	11.3	10.0	6.1	5.8		2.9	8.6	8.0	4.6
20-24	27.5	29.2	18.1	11.7	7.6	5.6	19.7	18.5	11.9
25-34	64.7	59.1	46.3	23.0	21.5	19.9	44.0	40.5	33.2
35-44	100.1	93.5	85.7	27.6	27.1	28.6	63.6	60.1	57.0
45-54	113.3	90.9	90.1	40.6	32.3	30.6	77.1	61.7	60.5
55-64	104.7	86.7	79.7	40.5	29.0	22.4	72.1	57.5	50.7
65+	94.7	71.7	66.8	24.4	19.8	20.8	53.6	41.5	40.0
Total	61.9	53.8	47.8	21.0	17.8	16.8	41.2	35.6	32.1
				Nondene	endent ahı	use of alcoh	ol		
0-14	3.8	3.2	3.7	6.3	5.4	3.1	5.0	4.3	3.4
15-19	38.1	36.4	31.7	29.0	27.1	21.6	33.6	31.9	26.8
		15.1	16.6	7.0	8.8	5.3	11.3	12.0	11.0
20-24	15.5		9.5	7.0	7.5	6.2	10.3	11.5	7.9
25-34	13.6	15.3	9.5 14.7	7.8	7.8	7.7	11.2	11.8	11.2
35-44	14.5	15.9		7.0	4.9	6.4	9.9	9,9	10.4
45-54	12.4	14.8	14.3	4.3	4.5	3.2	8.4	8.9	6.1
55-64	12.5	13.4	9.0		3.9	3.7	8.7	6.4	6.9
65+	15.0	10.0	11.2	4.3		6.2	10.6	10.5	9.0
Total	13.5	13.5	11.8	7.9	7.5	0.2	10.0	10.5	0.0_

Table 2.11 Primary alcohol-related hospital separations by age and sex, rate per 100,000 population, Ontario, 1991-92 to 1993-94 - Concluded

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
				Chronic li	ver diseas	e and cirrho			
0-14	1.8	1.8	8.0	1.7	8.0	1.0	1.7	1.3	0.9
15-19	1.7	2.2	8.0	1.2	1.2	1.2	1.4	1.7	1.0
20-24	3.2	1.5	1.5	2.5	3.0	2.8	2.8	2.3	2.1
25-34	11.0	9.3	9.9	8.6	5.8	4.2	9.8	7.6	7.1
35-44	40.4	41.5	44.8	17.7	16.2	15.6	29.0	28.8	30.1
45-54	69.1	69.7	75.5	39.0	30,8	39.3	54.1	50.3	57.4
55-64	126.7	139.7	133.8	60.2	54.2	53.6	93.0	96.4	93.2
65+	127.5	118.4	122.0	59.8	51.2	56.1	88.0	79.2	83.6
Total	40.2	40.8	41.5	22.3	19.0	20.2	31.1	29.8	30.8
				Toxi	c effects o	of alcohol			
0-14	3.4	2.1	2.5	3.1	2.0	3.2	3.3	2.0	2.9
15-19	8.5	6.9	4.7	8.7	7.3	2.9	8.6	7.1	3.8
20-24	3.4	2.7	2.2	1.5	1.5	1.0	2.5	2.1	1.6
25-34	5.3	3.5	4.3	3.4	2.0	3.2	4.4	2.7	3.8
35-44	5.0	5.5	5.3	2.3	2.7	2.1	3.6	4.1	3.7
45-54	2.5	3.7	3.0	2.5	2.9	1.9	2.5	3.3	2.4
55-64	2.9	3.7	2.8	1.3	0.9	0.9	2.1	2.3	1.8
65+	1.8	1.7	1.4	1.0	1.0	0.6	1.3	1.3	0.9
Total	4.1	3.6	3.4	2.8	2.3	2.2	3.4	2.9	2.8

<sup>&</sup>lt;sup>1</sup> For medical conditions included under each diagnostic category, see Technical Notes.

Table 2.12 Secondary alcohol-related hospital separations by age and sex, Ontario, 1991-92 to 1993-94

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
						1000 04	1331-32	1992-93	1993-94
			To	tal alcohol	-related ho	spital sepa	rations		
0-14	42	50	54	43	45	53	85	95	107
15-19.	223	193	167	129	138	134	352	331	301
20-24	491	437	365	180	196	166	671	633	531
25-34	1,675	1,630	1,507	636	685	690	2,311	2,315	2,197
35-44	2,195	2,302	2,363	853	856	904	3,048	3,158	3,267
45-54	2,317	2,373	2,458	855	935	819	3,172	3,308	3,277
55-64	3,153	3,094	3,034	1,054	1,019	969	4,207	4,113	4,003
65+	4,178	4,191	4,269	1,964	1,933	1,939	6,142	6,124	6,208
Unknown	1	1		1	-	-	2	1	0,200
Total	14,275	14,271	14,217	5,715	5,807	5,674	19,990	20,078	19,891
							10,000	20,010	13,031
				Alc	oholic psy	choses			
0-14	-	1	-	-	-		_	1	
15-19	. 1	-	-	_	_	-	1	-	_
20-24	10	3	6	3	1	1	13	4	7
25-34	66	71	53	13	17	22	79	88	75
35-44	121	109	147	26	35	34	147	144	181
45-54	154	153	182	49	28	32	203	181	214
55-64	241	238	240	47	58	80	288	296	320
65+	384	444	424	113	149	164	497	593	588
Unknown	_	_	-	-	-	-	-	-	500
Total	977	1,019	1,052	251	288	333	1,228	1,307	1,385
				Alcohol	dependend	ce syndrom	е		
0-14	3	2	2	3	3	2	6	5	4
15-19	81	60	65	38	51	55	119	111	120
20-24	234	238	175	104	95	83	338	333	258
25-34	1,051	1,026	916	372	419	441	1,423	1,445	1,357
35-44	1,385	1,458	1,461	533	532	518	1,918	1,990	1,979
45-54	1,414	1,424	1,468	425	481	433	1,839	1,905	1,901
55-64	1,773	1,768	1,636	452	452	385	2,225	2,220	2,021
65+	2,367	2,247	2,247	828	783	753	3,195	3,030	3,000
Unknown		_,	-	-		-	-	-	-
Total	8,308	8,223	7,970	2,755	2,816	2,670	11,063	11,039	10,640
				Nondepe	ndent abu	se of alcoho	lo		
0-14	6	9	4		17		18	26	17
15-19	125	120	83	69	69	62	194	189	145
20-24	214	177	159	49	73	54	263	250	213
25-34	423	397	429	142	146	145	565	543	574
35-44	308	365	368	139	133	157	447	498	525
45-54	183	242	267	91	82	79	274	324	346
55-64	177	202	224	58	75	67	235	277	291
65+	191	247	279	81	99	91	272	346	370
Unknown	1	1	200	_	-	-	1	1	-
Total	1,628	1,760	1,813	641	694	668	2,269	2,454	2,481
- Journal	1,020	1,100	1,010						

Table 2.12 Secondary alcohol-related hospital separations by age and sex,
Ontario, 1991-92 to 1993-94 - Concluded

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
				Chaniali	vor diagna	e and cirrho	oio		
0-14	31	33	44	27	vei diseas 24	35	58	57	79
15-19	13	6	10	15	.9	-8	28	15	18
						_			
20-24	17	12	18	16	21	23	33	33	41
25-34	113	117	86	97	76	70	210	193	156
35-44	370	352	373	145	145	177	515	497	550
45-54	551	545	530	278	331	262	829	876	792
55-64	960	875	929	492	431	435	1,452	1,306	1,364
65+	1,232	1,249	1,317	937	894	925	2,169	2,143	2,242
Unknown	-	-	-	1	-	-	1	-	-
Total	3,287	3,189	3,307	2,008	1,931	1,935	5,295	5,120	5,242
				Tox	ic effects o	of alcohol			
0-14	2	5	4	1	1	3	3	6	7
15-19	3	7	9	7	9	9	10	16	18
20-24	16	7	7	8	6	5	24	13	12
25-34	22	19	23	12	27	12	34	46	35
35-44	11	18	14	10	11	18	21	29	32
45-54	15	9	11	12	13	13	27	22	24
55-64	2	11	5	5	3	2	7	14	7
65+	4	4	2	5	8	6	9	12	8
Unknown		_	-	-	-	-	-	-	-
Total	75	80	75	60	78	68	135	158	143

<sup>&</sup>lt;sup>1</sup> For medical conditions included under each diagnostic category see Technical Notes.

Table 2.13 Secondary alcohol-related hospital separations by age and sex, rate per 100,000 population, Ontario, 1991-92 to 1993-94

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-3	1993-94
0.44						spital separ			
0-14	3.9	4.5	4.9	4.2	4.3	5.0	4.0	4.4	5.0
15-19	61.5	53.6	46.4	37.4	40.2	39.1	49.7	47.1	42.8
20-24	120.6	108.3	90.5	44.9	49.5	42.0	83.0	79.2	66.5
25-34	170.9	167.3	154.7	66.2	71.8	72.3	119.0	120.1	113.9
35-44	267.7	277.0	284.3	102.8	101.7	107.4	184.8	188.8	195.3
45-54	411.5	398.8	413.2	153.5	158.3	138.6	283.2	279.0	276.4
55-64	693.4	677.3	664.2	225.7	217.5	206.8	456.4	444.6	432.6
65+	834.8	808.0	823.8	279.7	267.4	268.4	510.7	493.2	500.4
Total	275.9	272.1	271.2	107.9	108.2	105.7	190.9	189.2	187.5
				Alc	oholic psy	choses			
0-14		0.1	_	-	- -	-	_	0.0	
15-19	0.3	-	_	_		_	0.1	0.0	
20-24	2.5	0.7	1.5	0.7	0.3	0.3	1.6	0.5	0.9
25-34	6.7	7.3	5.4	1.4	1.8	2.3	4.1	4.6	3.9
35-44	14.8	13.1	17.7	3.1	4.2	4.0	8.9	8.6	10.8
45-54	27.3	25.7	30.6	8.8	4.7	5.4	18.1	15.3	18.0
55-64	53.0	52.1	52.5	10.1	12.4	17.1	31.2	32.0	34.6
65+	76.7	85.6	81.8	16.1	20.6	22.7	41.3	47.8	47.4
Total	18.9	19.4	20.1	4.7	5.4	6.2	11.7	12.3	13.1
						ce syndrom			
0-14	0.3	0.2	0.2	0.3	0.3	0.2	0.3	0.2	0.2
15-19	22.3	16.7	18.1	11.0	14.9	16.0	16.8	15.8	17.1
20-24	57.5	59.0	43.4	25.9	24.0	21.0	41.8	41.7	32.3
25-34	107.2	105.3	94.0	38.7	43.9	46.2	73.3	74.9	70.4
35-44	168.9	175.5	175.8	64.2	63.2	61.5	116.3	118.9	118.3
45-54	251.1	239.3	246.8	76.3	81.4	73.3	164.2	160.7	160.3
55-64	389.9	387.0	358.1	96.8	96.5	82.2	241.4	239.9	218.4
65+	472.9	433.2	433.6	117.9	108.3	104.2	265.7	244.0	241.8
Total	160.6	156.8	152.0	52.0	52.5	49.7	105.7	104.0	100.3
				Nondepe	endent abu	se of alcoho	ol		
0-14	0.6	0.8	0.4	1.2	1.6	1.2	0.8	1.2	0.8
15-19	34.5	33.4	23.1	20.0	20.1	18.1	27.4	26.9	20.6
20-24	52.6	43.9	39.4	12.2	18.4	13.7	32.5	31.3	26.7
25-34	43.2	40.7	44.0	14.8	15.3	15.2	29.1	28.2	29.8
35-44	37.6	43.9	44.3	16.8	15.8	18.7	27.1	29.8	31.4
45-54	32.5	40.7	44.9	16.3	13.9	13.4	24.5	27.3	29.2
55-64	38.9	44.2	49.0	12.4	16.0	14.3	25.5	29.9	31.4
65+	38.2	47.6	53.8	11.5	13.7	12.6	22.6	27.9	29.8
Total	31.5	33.6	34.6	12.1	12.9	12.4	21.7	23.1	23.4
Julai	31.3	00.0	04.0						

Table 2.13 Secondary alcohol-related hospital separations by age and sex, rate per 100,000 population, Ontario, 1991-92 to 1993-94 - Concluded

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-3	1993-94
						e and cirrho			
0-14	2.9	3.0	4.0	2.6	2.3	3.3	2.7	2.6	3.7
15-19	3.6	1.7	2.8	4.3	2.6	2.3	4.0	2.1	2.6
20-24	4.2	3.0	4.5	4.0	5.3	5.8	4.1	4.1	5.1
25-34	11.5	12.0	8.8	10.1	8.0	7.3	10.8	10.0	8.1
35-44	45.1	42.4	44.9	17.5	17.2	21.0	31.2	29.7	32.9
45-54	97.9	91.6	89.1	49.9	56.0	44.3	74.0	73.9	66.8
55-64	211.1	191.5	203.4	105.4	92.0	92.8	157.5	141.2	147.4
65+	246.2	240.8	254.1	133.4	123.7	128.0	180.3	172.6	180.7
Total	63.5	60.8	63.1	37.9	36.0	36.1	50.6	48.2	49.4
				Tox	ic effects o	of alcohol			
0-14	0.2	0.5	0.4	0.1	0.1	0.3	0.1	0.3	0.3
15-19	0.8	1.9	2.5	2.0	2.6	2.6	1.4	2.3	2.6
20-24	3.9	1.7	1.7	2.0	1.5	1.3	3.0	1.6	1.5
25-34	2.2	1.9	2.4	1.2	2.8	Feet 1:3	1.8	2.4	1.8
35-44	1.3	2.2	1.7	1.2	1.3	2.1	1.3	1.7	1.9
45-54	2.7	1.5	1.8	2.2	2.2	2.2	2.4	1.9	2.0
55-64	0.4	2.4	1.1	1.1	0.6	0.4	0.8	1.5	0.8
65+	0.8	0.8	0.4	0.7	1.1	0.8	0.7	1.0	0.6
Total	1.4	1.5	1.4	1.1	1.5	1.3	1.3	1.5	1.3

<sup>&</sup>lt;sup>1</sup> For medical conditions included under each diagnostic category see, Technical Notes.

Table 2.14 Number of deaths from direct alcohol-related problems by sex, Ontario, 1986 to 1992

	Males							
	1986	1987	1988	1989	1990	1991	1992	
Mental Health								
Alcoholic psychoses	16	16	14	16	18	23	19	
Alcohol dependence syndrome	129	139	140	135	144	157	165	
Nondependent abuse of alcohol	33	20	23	34	21	17	6	
Diseases of the Circulatory System								
Alcoholic cardiomyopathy	29	25	24	22	19	17	22	
Diseases of the Digestive System								
Alcoholic gastritis	8	4	3	1	5	1	8	
Alcohol-related chronic liver disease and								
cirrhosis	326	304	300	343	342	311	339	
Specified chronic liver disease and cirrhosis								
without mention of alcohol	14	10	15	13	20	20	9	
Unspecified chronic liver disease and								
ecirrhosis without mention of alcohol	254	238	262	294	268	275	250	
Injury and Poisoning								
Toxic effects of alcohol (N) <sub>1</sub>	24	31	26	30	22	25	18	
Accidental poisoning by alcohol (E)	20	27	20	25	17	24	31	
Total <sub>2</sub>	833	787	807	888	859	846	836	

	Females							
	1986	1987	1988	1989	1990	1991	1992	
Mental Health								
Alcoholic psychoses	2	5	4	4	4	4	4	
Alcohol dependence syndrome	35	37	35	50	38	49	46	
Nondependent abuse of alcohol	14	9	7	10	6	4	2	
Diseases of the Circulatory System								
Alcoholic cardiomyopathy	5	3	-	2	2	1	2	
Diseases of the Digestive System								
Alcoholic gastritis	-	-	2	3	-	1	1	
Alcohol-related chronic liver disease and								
cirrhosis	99	115	106	116	108	- 131	97	
Specified chronic liver disease and cirrhosis without mention of alcohol	32	27	34	38	18	26	28	
	32	21	04	00				
Unspecified chronic liver disease and cirrhosis without mention of alcohol	154	151	133	138	117	131	131	
Injury and Poisoning								
Toxic effects of alcohol (N)1	9	15	9	8	7	8	7	
Accidental poisoning by alcohol (E)1	6	14	8	6	4	7	8	
Total <sub>2</sub>	350	362	330	369	300	355	318	

Table 2.14 Number of deaths from direct alcohol-related problems by sex, Ontario, 1986 to 1992 - Concluded

	Total							
	1986	1987	1988	1989	1990	1991	1992	
Mental Health								
Alcoholic psychoses	18	21	18	20	22	27	23	
Alcoholic psychoses Alcohol dependence syndrome	164	176	175	185	182	206	211	
Nondependent abuse of alcohol	47	29	30	44	27	21	8	
Diseases of the Circulatory System								
Alcoholic cardiomyopathy	34	28	24	24	21	18	24	
Diseases of the Digestive System								
Alcoholic gastritis	8	4	5	4	5	2	9	
Alcohol-related chronic liver disease and cirrhosis	425	419	406	459	450	442	436	
Specified chronic liver disease and cirrhosis without mention of alcohol	46	37	49	51	38	46	37	
Unspecified chronic liver disease and cirrhosis without mention of alcohol	408	389	395	432	385	406	381	
Injury and Poisoning								
Toxic effects of alcohol (N)1	33	46	35	38	29	33	25	
Accidental poisoning by alcohol (E)	26	41	28	31	21	31	39	
Total <sub>2</sub>	1,183	1,149	1,137	1,257	1,159	1,201	1,154	
Total number of deaths	67,865	68,119	70,679	70,907	70,818	72,917	73,206	
% of alcohol related total deaths	1.7%	1.7%	1.6%	1.8%	1.6%	1.6%	1.6%	

Number of deaths due to alcohol-related injury or poisoning are shown using two different classification systems. Under the "N" system, deaths are classified according to Nature of Injury, whereas under the "E" system, they are classified by External Cause. "N" and "E" numbers essentially refer to the same event and consequently are not additive ("N" and "E" numbers will differ due to the coding practices employed in each classification system).

Source: Statistics Canada, Causes of Death - Vital Statistics Volume IV 1986 (Ottawa: Statistics Canada, Catalogue No. 84- 203, 1988); Statistics Canada, Health Reports Supplement, Volume 1. No. 1 - Causes of Death, 1987 (Ottawa: Statistics Canada, Catalogue No. 82-003s, 1989); Statistics Canada, Health Reports, Supplement No. 11, 1990, Volume 2, No. 1 - Causes of Death, 1988 (Ottawa: Statistics Canada, Catalogue No. 82-003s, 1990); Statistics Canada, Health Reports Supplement No. 11, 1991, Volume 3, No. 1 - Causes of Death, 1989 (Ottawa: Statistics Canada, Catalogue No. 82-003s, 1991); Statistics Canada, Catalogue No. 82-003s, 1992); Statistics Canada, Causes of Death, 1991 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1993); Statistics Canada, Causes of Of Death, 1992 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1994).

<sup>&</sup>lt;sup>2</sup> Excludes E-codes to prevent double counting.

Table 2.15 Estimated number of deaths indirectly due to alcohol, Ontario, 1985 to 1992

Type of diseases	1985	1986	1987	1988	1989	1990	1991	1992
Neoplasms	1,740	1,755	1,820	1,905	1,930	1,930	2,010	2,045
Diseases of the circulatory system	1,510	1,510	1,470	1,505	1,480	1,400	1,430	1,455
Diseases of the respiratory system	720	795	770	865	855	865	925	885
Motor vehicle accidents	615	535	a ja 590	595	630	480	490	490
Accidental falls	300	335	320	360	340	320	345	355
Accidents caused by fire and flames	50	40	40	30	45	30	30	30
Accidental drowning and submersion	35	30	40	40	30	30	35	20
Suicide and self-inflicted injury	310	340	320	315	345	265	300	295
Homicide	105	75	110	100	90	70	105	110
Total Total number of deaths % of alcohol related total deaths	5,385 66,747 8.1%	5,415 67,865 8.0%	5,480 68,119 8.0%	5,715 70,679 8.1%	5,745 70,907 8.1%	5,390 70,818 7.6%	5,670 72,917 7.8%	5,685 73,206 7.8%

Figures have been rounded to the nearest multiple of 5.

Statistics Canada, Causes of Death - Vital Statistics Volume IV. 1985 and 1986 (Ottawa: Statistics Canada, Catalogue No. 84-203, 1986 and 1988, respectively); Statistics Canada, Health Reports Supplement, Volume 1, No. 1, 1989 - Causes of Death, 1987 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1989); Statistics Canada, Health Reports, Supplement No. 11, 1990, Volume 2, No. 1 - Causes of Death, 1988 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1990); Statistics Canada, Health Reports, Supplement No. 11, 1991, Volume 3, No. 1 - Causes of Death, 1989 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1991); Statistics Canada, Health Reports, Supplement No. 12, 1991, Volume 3, No. 1 - Causes of Death, 1990 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1992); Statistics Canada, Causes of Death, 1991 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1993); Health and Welfare Canada, Alcohol in Canada: A National Perspective (Ottawa: National Health and Welfare, 1984). Statistics Canada, Causes of Death, 1992 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1993).

The number of deaths indirectly due to alcohol have been estimated on the basis of data provided by the Working Group on Alcohol Statistics in Alcohol in Canada: A National Perspective (Ottawa: National Health and Welfare, 1984). These estimates by cause of death are as follows: Neoplasms - 10%; diseases of the circulatory system - 5%; diseases of the respiratory system - 15%; motor vehicle accidents - 45%; accidental falls - 40%; accidents caused by fire and flames - 30%; accidental drowning and submersion - 30%; suicide and self-inflicted injury - 30%; and homicide - 60%.

Table 2.16 Treatment services and caseload for alcohol and drug abuse by type of agency<sub>1</sub>, <sub>2</sub> and characteristics of the population, Ontario, 1991-92

Type of agency Total Characteristics of Detox Short-term Long-term Non-Assessment/ Residential Referral Number population Residential Residential 66 38 227 Number of agenciess 23 35 65 89.145 5 16,202 21,213 10,907 19,841 18.022 Total cases4 Type of problems: Alcohol 8.658 5.590 2.464 8.067 7.839 32.618 1.603 1,224 3,705 2.396 11,075 Drugs 2,147 5.268 8.395 7.003 5.393 31.784 Alcohol/drugs combined 5.725 Total 16,073 15,588 10,691 17,497 15,628 75,477 Sex: 54,592 13.658 10.062 7.952 12.009 10,911 Male 2.415 5.526 2.696 5.487 4.719 20.843 Female Total 16.073 15.588 10.648 17,496 15.630 75,435 Age:6 30 240 766 437 1.531 Under 16 58 16-17 192 286 454 1.509 1.053 3.494 18-24 1,605 2.024 2.144 3.594 3.028 12,395 25-34 4,607 5,747 3,598 5,205 5.091 24,248 35-54 7,306 5,605 3,636 5,016 4.507 26,070 55-64 1.880 664 1.377 979 703 5,603 65 and over 452 308 271 1,466 94 341 Total 16,072 15,587 10,648 17,410 15,090 74,807 Ethnicity: Aboriginal Background 2.410 715 1,112 1,772 6,395 12,404 Preferred French 558 1,208 387 231 670 3.054 Total 2,159 2,968 2,320 946 7,065 15,458 Employment Status:6 Employment full-time 3.737 7,286 2,115 6.489 6,832 26,460 Unemployed or disabled 10,048 6.601 6.099 7.054 5,621 35,423 Other? 1,551 1,701 3.782 1,970 2.636 11,639 Total 15,336 15,588 10.184 17,325 15,089 73,522

Alcohol and/or drug treatment agencies included in the survey had to be operative as of March 31, 1989 and have as one of their major goals the management/treatment of addiction problems. In addition, they had to be viewed by other community services as specializing in the delivery of services to persons with addiction problems. A number of other agencies involved in the treatment of addictions were excluded from this survey. These include the following: Alcoholics Anonymous, Al-Anon, Alateen and Women for Sobriety; services offered by groups such as physicians, psychiatrists, general hospitals and social workers; psychiatric hospitals, psychiatric units in general hospitals and community mental health clinics unless they provided a program specifically for alcohol or drug dependent individuals; specialized counselling services provided in some communities by private psychologists, social workers and other professionals on a fee-for-service basis unless these services were deemed to be an integral part of the local network of services; and native alcohol programs and corrections based alcohol education services unless there was a significant treatment component to the program.

# Table 2.16 Treatment services and caseload for alcohol and drug abuse by type of agency<sub>1</sub>, <sub>2</sub> and characteristics of the population, Ontario, 1991-92 - Concluded

<sup>2</sup> Agencies were classified as follows: Detox a facility providing a short stay allowing the safe withdrawal from alcohol and/or drug intoxication as defined by the Province. This also includes the Pinewood Primary Care and Detox program; Residential or any programs that had treatment beds for an overnight stay. Many of these programs also provide non-residential services (e.g., outpatient, aftercare); Assessment/Referral programs intended primarily to assess cases and refer them to local treatment. The treatment or rehabilitation service provided while they reside in-house may be short term (less than 40 days) or long term (greater than 40 days) and may include emergency shelter/care.

In previous surveys, a further distinction of "community-based" and hospital-based" were also used, depending on whether the agencies were affiliated with a hospital. This classification was important given the policy directions in the early 1980s to decrease use of hospital beds. However, the linkages this reflected were only administrative, and not necessarily associated with costs, treatment methods, or whether the beds being used were hospital beds. Thus, with the expectation that the trend could be monitored by a close examination of hospital bed utilization rather than the number of agencies that were "hospital-based," the distinction of community/hospital-based was dropped. As such, caution must be used in any comparison with data presented in this report and those of previous surveys.

- 3 N = Number of agencies for which data were either reported or estimated.
- <sup>4</sup> Refers to the number of persons seen, excluding readmissions to the same program during the reporting period. Admissions by the same person to more than one program are counted, however, making the actual number of persons treated less than reported above.
- Includes 2,960 cases reported by the Family Program type of agency.
- <sup>6</sup> Excludes data for 42 cases for whom sex information was not available, 670 cases for whom age was not available and 1,955 cases for whom data on unemployment status were not available.
- <sup>7</sup> Includes students, homemakers and retired individuals.

Note: The data are based on a province-wide survey conducted by staff of the Community Programs Department of the Addiction Research Foundation. Personal interviews and questionnaires mailed to remote northern regions were used to gather the information. In addition to the above programs, two programs that dealt almost exclusively with the treatment of family members of persons with substance abuse problems. These two programs handled an additional 2,359 cases.

Source: B. Rush, and K. Ellis, <u>Alcohol and Other Drug Services in Ontario: Results of a Provincial Survey. 1991-92</u> (Toronto: Addiction Research Foundation, 1994).

Table 2.17 The costs of care1 and source of funding to alcohol- and drug-related cases by type of agency2,3 and region, Ontario, 1991-92

			Type of	Agency		
	Detox	Short-term	Long-term	Non-	Assessment/	Total
	. 11.30.00000000	Residential	Residential	Residential	Referral	Number
Region:						
Northern	\$3,278,026	\$7,592,342	\$5,217,479	\$3,243,713	\$2,498,255	\$21,829,815
Metro	3,759,663	9,916,764	10,116,316	14,730,800	973,404	39,496,94
Eastern	1,952,610	6,427,039	7,318,210		2,238,208	21,185,383
Western	6,384,910	8,284,883		3,168,952	4,685,928	
Total	15,375,209	32,221,028	33,821,014	24,392,781	10,395,795	116,205,827
Fund Sources:						
Federal:						
Health and Welfare	-	\$1,263,809	\$461,332	\$371,232	-	\$2,096,37
Employment & Immigration	-	-	12,417	475,698	-	488,11
Correctional Services		9,929	2,053,456	-	-	2,063,38
Other	-	7,881	7,716	-	-	15,59
Provincial4:						
Health Community Mental Health	15,375,209	10,054,481	3,730,057	8,085,564	9,262,506	46,507,817
Other		12,697,970	69,811	13,490,532	646,394	26,904,70
Community & Social Services	-	904,199	11,020,989	346,913	51,228	12,323,329
Correctional Services	-	66,252	2,954,281	236,367	143,631	3,400,53
Other		806,730	1,941,915	1,500	178,911	2,929,050
Municipal		130,121	2,261,264	77,316	30,525	2,499,22
United Way		75,740	286,003	151,595	11,593	524,93
User Fees		1,113,662	1,607,463	3,634	2,765	2,727,52
Other <sub>5</sub>	-	1,556,158	4,775,920	676,422	68,243	7,076,743

Includes reported and estimated cost of care.

Note: The data are based on a province-wide survey conducted by staff of the Community Programs Department of the Addiction Research Foundation. Personal interviews and questionnaires mailed to remote northern regions were used to gather the information. In addition to the above programs, two programs that dealt almost exclusively with the treatment of family members of persons with substance abuse problems. These two programs handled an additional 2,359 cases.

**Source:** B. Rush, and K. Ellis, <u>Alcohol and Other Drug Services in Ontario: Results of a Provincial Survey, 1991-92</u> (Toronto: Addiction Research Foundation, 1994).

<sup>2,3</sup> See footnote 1, 2 in table 2.16.

Includes provincial funds provided indirectly through the Addiction Research Foundation to its treatment agencies. As with a small number of other agencies, ARF costs include some research and evaluation costs.

<sup>&</sup>lt;sup>5</sup> Includes donations, fund-raising, and religious organizations.

# CHAPTER III DRUG SURVEYS

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# CHAPTER III DRUG SURVEYS

#### Overview

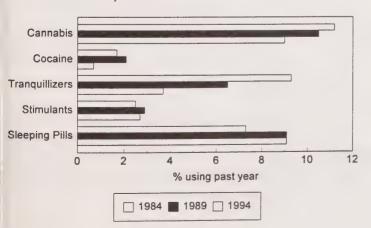
Drug use is more difficult to monitor than alcohol and tobacco use since we lack direct information on sales and distribution for both illicit and licit drugs. Consequently, surveys are the best source of information on drug use in Ontario. The strength of surveys is the random selection of respondents. As a result, drug users within the survey should more or less represent drug users in the population. The survey method also has weaknesses: respondents may be reluctant to report drug use, especially illegal use, or they may inaccurately recall their drug use. Even when survey data are accurate, they can be hard to interpret. There is limited information about the quantity used, the drug purity and the dosage size. Unlike alcohol which has a standard drink (one shot equals one bottle of beer equals one glass of wine), illegal or prescription drugs do not have a standard unit by which to measure intake.

#### Adult drug use

Almost one in three adults in Ontario admit to using illicit drugs (see table 3.1). Cannabis is the most widely used illicit drug with 29.6% or 2,260,000 Ontarians reporting using it at least once in their lifetime. Cocaine s the next most popular illicit drug, used by 5.7% or 435,000 people in their lifetime. Use of crack cocaine

and heroin are each reported by 0.7% or 53,400 igure 3.1: Reported use in the past year of selected people.

Figure 3.1: Reported use in the past year of selected drugs by adults aged 18+, Ontario 1984, 1989 & 1994



#### Cannabis

About 9.0% of Ontario adults are current users of cannabis (see figure 3.1 and table 3.2). This rate has been relatively stable since 1977. As with most illicit drugs, male use (11.4%) is higher than female use (7.0%). However, the gap between males and females has narrowed considerably. For example, in 1982, male use was 3 times female use.

Cannabis use is highest among people aged 18 to 29 (19.6%) and falls dramatically in the older age groups. Only 0.35% of those aged 65

and older had used marijuana in the past year. However, among the 30 to 39 year old age group, use had increased. In 1977 and 1982 use for this group was 3.9% and 4.2% respectively. By 1994 use had increased to 10.2%. Similarly, the 40-49 year old age group has also shown an upward trend in use. Use rose from less than 1% in 1982 to 4.3% in 1994. These increases reflect the aging of the large numbers of young people who started using drugs in the late 1960s and 1970s.

When marital groups are compared, use is highest among never-married people (20.9%) and lowest among married people (3.0%). Retired people and homemakers represent the occupational groups least likely to use cannabis with use at 0.5% and 2.4% respectively. Earlier surveys showed that use rose significantly a education level increased. For example, in 1984, 2.3% of people with an elementary education used cannabis 9.7% of those with a secondary level education, and 16.0% of people with a university education. This wide variation has disappeared in recent surveys. In 1994, 8.5% of people with an elementary school education used cannabis, 9.6% of people with a secondary education, 10.3% of people with some college or university and 7.0% of people with a university education. There is no significant variation in usage among the regions in Ontario.

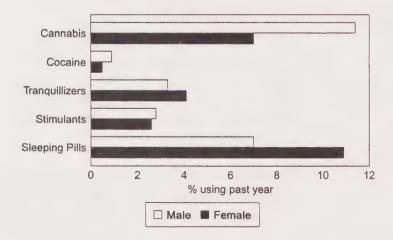
#### Cocaine

Cocaine use reached its peak in 1989 with 2.1% of adults over 18 using it in the previous year (Table 3.3). Use has since fallen to 0.7% in 1994. Like cannabis, men use cocaine more than women (0.9% and 0.5% respectively). Cocaine use also decreases with age: the 18 to 29 year old group had the highest rate of use a 1.6%, followed by the 30 to 39 year old group at 0.6%, and the 40 to 49 year old group at 0.5%. No use wa detected for people over 50 years of age. Among marital groups, never married people (1.2%) and previously married people (1.1%) are significantly more likely to use cocaine than married people (0.4%). Fo occupational groups, cocaine use is highest among people employed full-time (7.8%). Retired people (0.2% and students (2.8%) have the lowest rates of use. The lifetime rate of cocaine use was 5.7% of the population in 1994. In terms of age, the 30-39 age group has the highest lifetime prevalence of cocaine use at 11.6%.

#### Crack Cocaine

The use of crack cocaine has remained under 1% from 1987 to 1994. In 1994, use was 0.7%. Lifetime heroin use was also small at 0.7%. Because of the low rates of use of both heroin and crack cocaine there are very little data on the characteristics of users.

Figure 3.2: Reported use of selected drugs in the past year of selected drugs by sex, age 18+, Ontario, 1994



# Licit drugs

Data on licit drug use by adults in Ontario ignore the distinction between prescribed and non-prescribed use. Licit drugs such as sleeping pills and tranquillizers have much different patterns of use than illicit drugs.

The main characteristics of licit drug use are that females use as much or more than male (figure 3.2), use increases with age and i highest among the previously married, and the unemployed.

## Sleeping pills

Currently, 9.1% of the population has used sleeping pills in the last year (see table 3.4). Female use stood at 10.9% while male use was 7.0%. Use was lowest among 30 to 39 year olds (4.9%) then rose steadily with age. Use was highest for the 65 and older age group (15.0%). Metro Toronto had the lowest rate of use (7.5%) while Northern Ontario had the highest rate (12.0%). Use was also high among people who had completed university (11.1%) and people who only had only completed elementary school (11.6%). Among occupational groups, retired people had the highest use at 14.5%. Use of sleeping pills varies significantly by marital status: 14.7% of previously married people used sleeping pills, while use for all other categories was below 9%.

#### Stimulants

Stimulant use has been fairly stable since 1977 and now stands at 2.7% (see table 3.5). Patterns for stimulant use differ from patterns for other licit drugs such as sleeping pills and tranquillizers. Male and female use of stimulants is almost equal (2.8% and 2.6% respectively). Use is highest in the youngest age group with 4.3% of the 18-29 age group having used stimulants in the past year. Use is lowest among those aged 50 to 64 (0.6%). The never married group has the highest use by marital status (3.9%).

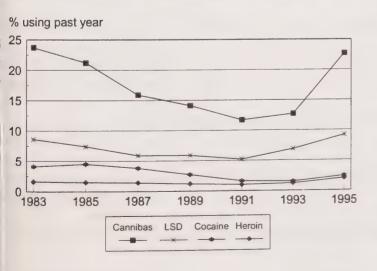
## Tranquillizers

Use of tranquillizers has steadily declined since 1977, dropping from 12.1% to the current rate of 3.7% (see table 3.6). The decline is most significant among women whose use fell from 15.9% in 1977 to 4.1% in 1994. Tranquillizer use increases with age. Use is lowest among the 18 to 29 age group (2.1%) and highest among the aged 65 and older (7.1%). Previously married individuals are more likely to use tranquillizers, with 9.5% using them in the last year. This rate is more than twice that of any other marital status group. The unemployed (8.4%) and retired (7.5%) have the highest rates of use among occupational groups.

# Student drug use

Since the late 1970s, drug use among students had been declining steadily. This decline stalled in 1993 and was reversed in 1995. Between 1993 and 1995 the student use of 8 of 20 drugs surveyed increased significantly. No illicit drug declined in use. Despite the large increases, for most drugs surveyed, rates of drug use in 1995 are lower than rates found in the late 1970s or early 1980s. Also the increases in drug use were

Figure 3.3: Student drug use, Ontario, 1983 to 1995



mostly restricted to males and 9th and 11th graders. There were not significant increases in use by younger students.

#### Cannabis

Cannabis use among high school students increased significantly from 12.7% in 1993 to 22.7% in 1995. Use increased significantly among both males (from 14.8% to 25.7%) and females (from 10.7% to 19.8%). Despite the increases, rates are still significantly lower than those found in 1979.

Cannabis use shows a strong increasing rate between 7th-graders and 11th-graders. Use rose

from 2.8% among 7th-graders to 40.7% among 11th-graders. Use then falls to 27.5% among students in grade 13. Although rates of use vary from 18.3% in Metro Toronto to 27.4% in Northern Ontario these differences are not statistically significant.

#### Cocaine

The patterns of cocaine use are similar to the patterns of cannabis use although the rates of use are much lower. Use of cocaine increased from 1.5% in 1993 to 2.4% in 1995. Despite this increase, use is still significantly lower than the percentages found between 1977 and 1987. Male use (3.0%) is significantly higher than female use (1.6%). Use rises from 1.7% among 7th-graders to 3.5% among 11th-graders. Use then declines to 1.3% among students in grade 13. There was no significant variation among regions.

#### **Inhalants**

Overall 2.4% of students reported using glue and 2.9% reported using other solvents in the past year. Both these rates are increases from 1993. More male students use glue than female students (2.8% versus 2.1%) but more females use other solvents than males (3.4% versus 2.4%). Inhalants are the only substances where use decreases as age and grade increase. The use of glue is highest among students in Grade 7 (3.6%) and falls significantly in the higher grades. Only 0.1% of Grade 13 students used glue in the past year. The same pattern applies to the use of other solvents. There are no significant regional differences for the use of glue or other solvents. A sizable percentage reported inhaling glue or other solvents only once or twice during the 12 months before the survey (47% and 42%). However, 13% of solvent inhalers and 37% of glue inhalers report use 10 or more times in the past year.

## Hallucinogens

Hallucinogens are divided into three categories: LSD, PCP, and other hallucinogens. LSD is the most commonly used (9.2%), followed by other hallucinogens (7.6%), and PCP (1.7%). Use of hallucinogens has been rising since 1991 and that continued in 1995. Also, unlike other drugs, use of hallucinogens in 1995 is not significantly lower than the use found in the late 1970s. In fact use of other hallucinogens is the highest recorded since 1977. As with other drugs, male use is higher than female use for all 3 categories of hallucinogens. The use of hallucinogens rises from grade 7 to grade 11 then falls in grade 13. For example, LSD use was 1.7% among 7th-graders, rose to 18.5% among 11th-graders, then fell to 6.8% among students in grade 13.

#### Speed and Heroin

Overall, 4.6% of students reported using speed (methamphetamine) during the past year and 2.0% reported using heroin. Both heroin and speed use increased significantly from 1993 to 1995 (1.2% to 2.0% for heroin and 2.0% to 4.6% for speed). Males are more likely to use speed (5.8% versus 3.4%) and heroin (3.0% versus 1.0%) than females. Speed use rises from 1.3% among students in Grade 7 to 7.2% among those in Grade 11. Heroin use does not differ significantly by grade or age. Speed use is lowest in Metro Toronto (2.5%) and highest in Northern Ontario (6.2%). Heroin use does not differ significantly by region.

## Licit drugs

Licit drugs are broken into medical and non-medical use (prescription and non-prescription). For medical use, barbiturates (4.8%) are the most commonly used, followed by stimulants (4.1%) and tranquillizers (1.8%). For non-medical use, stimulants (6.3%) are the most widely used, followed by barbiturates (2.7%) and tranquillizers (1.6%). From 1979 to 1991, use of all licit drugs declined but from 1991 to 1995 stimulant use

rose while barbiturate and tranquillizer use has remained steady. Prescription use of stimulants rose from 2.6% to 4.1%, while non-prescription use increased from 4.0% to 6.3%.

Unlike illicit drugs, for licit drugs there are no significant differences between the rates of use for males and females. There are differences with age and grade however. For medical and non-medical use of barbiturates and stimulants use in grade 11 is significantly higher than use in grade 13.

Most students who used licit drugs for medical purposes reported using each drug only once or twice during the 12 months before the survey (tranquillizers 80%; barbiturates 61%; and stimulants 70%). The same is true for non-medical use of these drugs (tranquillizers 58%; barbiturates 68%; and stimulants 51%).

Steroid use among students stood at 1.5% in 1995 (see table 3.12). Significantly more males (2.1%) than females (0.9%) use steroids, although male use has dropped from 3.1% in 1991 while female use rose from 0.3% in 1991. Steroid use rises from 1.2% in Grade 7 to 1.9% in Grade 13.

The Newcomers: "Ecstasy" and "Ice"

The two most recent arrivals to the street drug scene are "Ecstasy" (MDMA) and "Ice". Both substances made their first appearance in Canada in 1989. Ecstacy is a synthetic substance with both stimulant and nallucinogenic properties. "Ice" is a smokeable form of methamphetamine ("speed"), a powerful stimulant. Use of ecstacy and ice remain low; 1.8% and 1.1% of students report using ecstacy and ice during the 12 nonths before the survey (see table 3.12). Between 1993 and 1995, use of ecstacy rose significantly from 0.6% to 1.8%. Use of ice remained stable. For both drugs, males use was higher than female use.

# Multiple Drug Use

The most noticeable change in the patterns of drug use among students is that the percentage of students using to drugs rose from 17.4% in 1979 to 34.3% in 1995 (see table 3.13). In 1995, 28.5% of students used illicit drugs. This is a rise from 19.1% in 1993.

# **Iniversity student drug use**

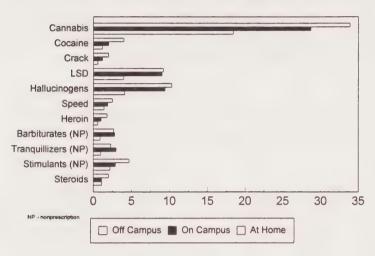
Among university students, cannabis is the most widely used illicit drug with 27.0% reporting use in the last 2 months (see tables 3.14 and 3.15). The next most popular drugs are LSD (7.7%) and hallucinogens (7.0%). All other drugs, both licit and illicit, are used by less than 4% of university students. Male university students re much more likely to use illicit drugs than female university students. Although the gap narrows for use of icit drugs, only prescription barbiturates have a female rate of use (3.4%) higher than the male rate of use 3.3). There are large differences between male and female use with steroids (2.4% for males versus 0.6% for emales), LSD (10.0% versus 4.2%), and heroin (1.6% versus 0.8%).

age and year of study do not significantly affect most drug use. However, cocaine does show a positive elationship between age and use. Only 1% of the 17 to 19 age group has used cocaine in the past twelve nonths compared to 2.5% of those aged 20 to 22, 4.2% of those aged 23 to 25, and 4.4% of students aged 26 r older. Crack, heroin and steroid use all increase as the year of study increases, but these relationships were ot statistically significant.

cademically, students with a D average report the highest rates of use for every drug. Grades are significantly

related to use for 8 of the drugs surveyed: cannabis, heroin, cocaine, crack, LSD, other hallucinogens barbiturates, and prescription stimulants. Furthermore, students with an A average use more of the "harder' drugs (cocaine, crack, speed and heroin) than students with a B or C average.

Figure 3.4: University student drug use according to place of residence, Ontario, 1994



Of the characteristics considered in this survey, place of residence is most strongly related to drug use. Generally, students living off-campus have the highest rates of drug use, followed by students living on campus. Students living at home generally have the lowest rates of drug use. Students living off campus were 2.9 times more likely to use barbiturates, 2.8 times more likely to use cocaine, 2.3 times more likely to use prescription tranquillizers, 2.0 times more likely to use cannabis than those students who were living with their parents.

In general, students in science programs are the least likely to use drugs while students in arts

and social science programs are most likely to use drugs. Students in social sciences are the highest users of every type of licit drug.

# Drug use by street youth

As many as 150,000 street youth move through Canadian cities every year (Covenant House, 1988). Drug use is much more prevalent among street youth than among the general population. In Toronto, 96% of street youth have used cannabis, 81% have tried LSD, and 54% have used cocaine (see table 3.16). Not only have more street youth tried different drugs, but they also use drugs more often. Of the 82% who have used cannabis in the past year, 52% use it weekly. Of the 42% of street youth who have used crack in the past year, 41% use it weekly. Although male and female use is generally very close, males are much more likely to use speed (29% versus 12% lifetime use) and inhalants (29% versus 16% lifetime use). Street youth over age 19 are more likely to have used crack (36% versus 19%) and speed (11% versus 3%) than street youth under 19. Street youth under age 19 are more likely to have used LSD, inhalants, and heroin.

Street youth believe that crack and inhalants pose the greatest danger to them. In Toronto, 44% of current crack users and 39% of current inhalant users believed that their drug use was a major problem. Cannabis was typically the first drug used, with 13 being the mean age of first use.

# Public opinion

A slim majority (51%) of people surveyed in Ontario believed that simple possession of marijuana should involve either a fine or not be an offence at all (see table 3.18). However, 58% of people feel that a person caught possessing marijuana should get a criminal record and 80% felt that someone caught selling an ounce of marijuana to a friend should get a criminal record. In general, men had more liberal attitudes regarding marijuana policy, with only 43.3% believing that possession of marijuana should be a criminal offense, compared to 54.3% of women. The 35 to 54 age group had the most liberal beliefs while the older and younger generations were more conservative. For example, only 51.6% of the 35 to 54 age group believed that a person caught possessing marijuana should get a criminal record compared with 62.7% of the younger age group and 59.7% of the older age group. In terms of education, the more education a person has, the more likely he or she is to have liberal attitudes toward marijuana policy.

# References

- E.M. Adlaf, R.G. Smart and J. I. Frank, Alcohol and Other Drug Use Among Adults in 1994 and Changes since 1977 (Toronto: Addiction Research Foundation, 1994).
- 5.M. Adlaf, F.J. Ivis, R.G. Smart and G. W. Walsh, <u>The Ontario Student Drug Use Survey: 1977 1995</u> Toronto: Addiction Research Foundation, 1995).
- L. Gliksman, B. Newton-Taylor, E. Adlaf, D. Dewit, and N. Giesbrecht, <u>University Student Drug Use and ifestyle Behaviours Current Patterns and Changes from 1988 to 1993</u> (Toronto: Addiction Research Foundation, 1994).
- R.G. Smart, E.M. Adlaf, G.W. Walsh, and Y.M. Zdanowicz, <u>Drifting and Doing Changes in Drug Use Among Toronto Street Youth</u>, 1990-1992 (Toronto: Addiction Research Foundation, 1992).
- Ferris, L. Templeton, and S. Wong, <u>Alcohol, Tobacco and Marijuana: Use, Norms, Problems a Report Attitude Among Ontario Adults A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1992 Toronto: Addiction Research Foundation, 1994).</u>

Table 3.1 Percentage of Ontario adults reporting alcohol and other drug use, 1994

	Percentage	Approximate number of users in Ontario (18 and over)
Drinking		
Past year drinkers	82.1 %	6,268,600
Five or more drinks in a single sitting weekly	8.4	641,400
Daily drinking	5.0	381,800
15 or more drinks weekly	4.4	336,000
Cigarette Smoking		
Current Smoking	25.3	1,931,700
Total Psychotherapeutic Usage		
Sleeping Pills	9.1	694,800
Stimulants	2.7	206,200
Tranquillizers	3.7	282,500
Prescribed Usage		
Sleeping Pills	5.7	435,200
Tranquillizers	3.0	229,100
Over the Counter		
Sleeping Pills	3.3	252,000
Illicit Drug Use		
Cannabis-Lifetime	29.6	2,260,000
Cannabis-Past Year	9.0	687,200
Cocaine-Lifetime	5.7	435,200
Cocaine-Past Year	0.7	53,400
Crack-Lifetime	0.7	53,400
Heroin-Lifetime	0.7	53,400

Vote: Based on a population of 7,635,300.

Source: E.M. Adlaf, R.G. Smart and J.I. Frank, Alcohol and Other Drug Use Among Ontario Adults in 1994 and Changes Since 1977 (Toronto: Addiction Research Foundation, 1994).

Table 3.2 Cannabis use among adults aged 18 years and over by selected characteristics of the population, Ontario, 1977, 1982, 1984, 1987, 1989, 1991, and 1994

(Percentage using cannabis during the past 12 months) 1987 1989 1991 1994 1977 1982 1984 Characteristics of N=1774 N=1040 N=1051 N=1084 N=1101 N=1041 N=2022 population 10.5 % 8.7 % 9.0 % Total sample 8.1% 8.2 % 11.2 % 9.5% Gender: Male 11.2 12.3 15.6 12.3 13.0 11.5 11.4 6.0 7.0 Female 4.5 4.1 7.1 6.8 8.2 Age: 22.6 22.7 28.5 20.0 24.6 19.9 19.6 18 - 29 years 9.5 11.8 9.1 10.2 30 - 39 years 3.9 4.2 11.6 2.2 5.4 3.9 3.0 4.3 40 - 49 years 2.3 1.3 50 - 64 years 1.2 1.8 0.8 1.4 0.7 0.9 65+ years 0.7 0.0 0.5 0.3 Marital status: Never married 20.2 20.9 n.a. n.a. n.a. n.a. n.a. 4.0 1 3.0 Married n.a. n.a. n.a. n.a. n.a. Living with partner n.a. 13.2 n.a. n.a. n.a. n.a. Previously married 6.5 8.6 n.a. n.a. n.a. n.a. n.a. Region: Metro Toronto 9.1 12.7 172 126 124 123 9.9 Metro Outskirts 7.0 5.2 11.6 6.7 8.4 7.3 0.8 Eastern Ontario 9.2 7.2 5.9 7.6 112 10.3 9.5 Western Ontario 6.8 5.2 5.3 10.6 7.0 5.1 8.2 Northern Ontario 8.8 8.0 15.0 3.8 15.9 3.8 7.8 Education: 2.3 Elementary 1.6 3.5 2.4 6.3 8.5 9.7 9.1 7.9 10.7 10.5 Secondary 9.8 9.6 9.8 16.0 Post secondary 10.9 10.6 12.6 n.a. n.a. Some college/University 10.7 10.3 n.a. n.a. n.a. n.a. n.a. 7.6 University 7.0 n.a. n.a. n.a. n.a. n.a. Occupation: Full-time 8.0 n.a. n.a. n.a. n.a. n.a. n.a. Part-time n.a. n.a. n.a. n.a. n.a. n.a. 11.0 25.4 22.4 37.4 Unemployed 9.4 20.4 11.9 n.a. Retired n.a. n.a. n.a. n.a. n.a. n.a. 0.5 Homemaker 1.7 3.6 3.1 2.1 2.4 n.a. 28.2 20.0 20.3 20.8 **Students** 29.2 24.6 n.a. Other 1.7 0.0 0.0 0.8 n.a. 1.3 10.7

Note:

.. Estimate less than 1%

n.a. Not available

Source: E.M. Adlaf, R.G. Smart and J.I. Frank, <u>Alcohol and Other Drug Use Among Ontario Adults in 1994 and Changes Since 1977</u> (Toronto: Addiction Research Foundation, 1994).

<sup>&</sup>lt;sup>1</sup> Includes living with partners.

Table 3.3 Cocaine use among adults aged 18 years and over by selected characteristics of the population, Ontario, 1984, 1987, 1989, 1991, and 1994

(Percentage using cocaine during the past 12 months) Characteristics of 1984 1987 1989 1991 1994 population N=1051 N=1084 N=1101 N=1041 N=2022 Total sample Lifetime use 3.3 % 6.1 % 5.6 % 6.2 % 5.7 % Annual use 1.7 1.8 21 16 0.7 Gender: Male 2.9 2.5 24 3.1 0.9 Female 0.6 1.1 1.8 0.1 0.5 Age: 18 - 29 years 4.1 47 6.1 2.0 1.6 30 - 39 years 2.5 1.8 2.5 1.1 0.6 40 - 49 years 1.1 1.8 0.5 50 - 64 years 0.4 65+ years Marital status: Never married n.a. 2.1 1.2 n.a. n.a. Married 1.2 1 n.a. n.a. 0.4 n a Previously married 2.4 n.a. n.a. n.a. 1.1 Region: 2.2 Metro Toronto 3.4 3.0 1.8 0.7 Metro Outskirts 1.2 0.6 0.8 1.7 0.4 Eastern Ontario 2.5 2.8 2.5 0.7 1.0 Western Ontario 1.0 1.6 0.8 0.9 Northern Ontario 2.0 3.8 1.4 **Education:** Elementary 3.0 0.9 1.8 20 0.2 1.6 2.3 Secondary 2.9 Post secondary 2.4 1.7 n.a. n.a. 1.3 1.0 n.a. Some college/University n.a. n.a. 0.7 University n.a. n.a. n.a. Occupation: 7.8 n.a. n a Full-time n.a. n.a. 4.9 n.a. n.a. Part-time n.a. n.a. 6.4 2.7 12.0 Unemployed 0.2 n.a. Retired n.a. n.a. n a 3.2 0.7 Homemaker 2.8 5.0 4.8 4.4 Students 3.3 8.0 Other

Note: .. Estimate less than 1%

n.a. Not available

Source: E.M. Adlaf, R.G. Smart and J.I. Frank, <u>Alcohol and Other Drug Use Among Ontario Adults in 1994 and Changes Since 1977</u> (Toronto: Addiction Research Foundation, 1994).

<sup>&</sup>lt;sup>1</sup> Includes living with partners.

Table 3.4 Sleeping pill use among adults aged 18 years and over by selected characteristics of the population, Ontario, 1977, 1982, 1984, 1987, 1989, 1991, and 1994

Characteristics of population	1977 N=1774	1982 N=1040	1984 N=1051	1987 N=1084	1989 N=1101	1991 N=1041	1994 N=2022
Total sample	7.6 %	6.2 %	7.3 %	9.0 %	9.1 %	6.5 %	9.1 %
Gender:							
Male	6.0	4.3	4.6	7.1	7.2	5.2	7.0
Female	9.3	8.1	9.9	10.8	11.0	7.7	10.9
Age:							
18 - 29 years	4.0	3.3	2.2	7.1	9.4	2.2	7.1
30 - 39 years	5.5	4.6	4.3	8.2	5.2	3.9	4.9
40 - 49 years	3.3	3.6	7.4	9.3	8.8	8.1	11.4
50 - 64 years	12.7	10.0	12.1	12.6	9.3	8.3	12.4
65+ years	17.9	12.1	15.2	9.5	14.9	17.6	15.0
Marital status:							
Never married	n.a.	n.a.	n.a.	n.a.	n.a.	2.2	8.5
Married	n.a.	n.a.	n.a.	n.a.	n.a.	6.8 <sup>1</sup>	8.6
Living with partner	n.a.	n.a.	n.a.	n.a.	n.a.		6.0
Previously married	n.a.	n.a.	n.a.	n.a.	n.a.	15.7	14.7
Region:							
Metro Toronto	6.7	4.7	6.3	6.1	10.5	8.4	7.5
Metro Outskirts	6.3	6.5	7.6	8.6	9.7	4.7	8.3
Eastern Ontario	7.1	6.3	6.7	10.2	11.0	6.5	9.5
Western Ontario	9.9	7.0	9.4	10.3	6.2	7.8	11.7
Northern Ontario	6.3	8.7	6.1	13.5	8.3	6.2	12.0
Education:							
Elementary	13.5	12.1	10.3	14.8	12.8	7.3	11.6
Secondary	7.0	4.8	8.2	8.3	7.0	7.1	7.8
Post secondary	5.0	5.7	5.1	8.3	10.3	n.a.	n.a.
Some college/University	n.a.	n.a.	n.a.	n.a.	n.a.	4.1	7.3
University	n.a.	n.a.	n.a.	n.a.	n.a.	7.3	11.1
Occupation:							
Full-time	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7.5
Part-time	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	8.5
Unemployed	n.a.	3.5	4.2	12.2	4.5	9.5	12.2
Retired	n.a.	n.a.	n.a.	n.a.	n.a.	n,a.	14.5
Homemaker	n.a.	8.8	12.0	14.1	11.8	11.0	9.9
Students	n.a.	2.9		8.1	6.7	9.0	7.3
Other	n.a.	11.3	10.7	9.0	12.3	13.8	12.1

Note: .. Estimate less than 0.1%

n.a. Not available

Source: E.M. Adlaf, R.G. Smart and J.I. Frank, <u>Alcohol and Other Drug Use Among Ontario Adults in 1994 and Changes Since 1977</u> (Toronto: Addiction Research Foundation, 1994).

<sup>1</sup> Includes living with partners.

Table 3.5 Stimulant use among adults aged 18 years and over by selected characteristics of the population, Ontario, 1977, 1982, 1984, 1987, 1989, 1991, and 1994

Characteristics of	4077						
population	1977 N=1774	1982 N=1040	1984 N=1051	1987 N=1084	ng the past 12 1989 N=1101	1991 N=1041	1994 N=2022
Total sample	1.7 %	3.3 %	2.5 %	2.6 %	2.9 %	2.2 %	2.7 %
Gender:							
Male	1.6	3.5	2.6	2.0	1.8	1.8	2.8
Female	1.8	3,1			3.9	2.7	2.6
Age:							
18 - 29 years	2.8	6.8	5.1	4.7	5.8	3.9	4.3
30 - 39 years		3.6	2.9	3.2	2.0	2.1	2.7
40 - 49 years	1.0		1.6	0.6	2.0	2.0	2.6
50 - 64 years	1.6	1.5	1.0	1.9	1.5	1.1	0.6
65+ years				0.7	2.7		1.6
Marital status:							
Never married	n.a.	n.a.	n.a.	n.a.	n.a.	3.4	3.9
Married	n.a.	n.a.	n.a.	n.a.	n.a.	1.4 1	2.1
Living with partner	n.a.	n.a.	n.a.	n.a.	n.a.	0.7	2.6
Previously married	n.a.	n.a.	n.a.	n.a.	n.a.	3.7	3.0
Region:							
Metro Toronto	1.8	4.6	4.6	2.1	2.5	1.1	3.2
Metro Outskirts	2.9	3.9	4.0	0.6	1.7	2.8	2.1
Eastern Ontario	1.2	1.6	1.6	2.5	2.0	3.3	2.4
Western Ontario	1.6	3.2	1.0	4.5	3.1	1.7	1.9
Northern Ontario		1.3	4.1	2.3	7.5		5.2
Education:							
Elementary	1.9	2.1		1.9	2.6	4.4	2.0
Secondary	1.6	3.7	2.8	2.5	3.4	1,5	4.1
Post secondary	1.8	3.1	2.7	2.9	2.5	n.a.	n.a.
Some college/University	n.a.	n.a.	n.a.	n.a.	n.a.	2.1	2.5
University	n.a.	n.a.	n.a.	n.a.	n.a.	2	1.7
	11, 61.	11.4.	11.4.	11.00.	***************************************		
Occupation:							
Full-time	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2.3
Part-time	n,a.	n.a.	n.a.	n.a.	n.a.	n.a.	3.4
Unemployed	n.a.	3.4		6.9	5.7	2.8	6.4
Retired	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1.4
Homemaker	n.a.	3.7	1.0	2.7	4.5		2.0
Students	n.a.	6.7	9.8	7.2	5.0	1.4	3.9
Other	n.a.			0.0	0.0	1.5	2.0

Vote:

.. Estimate less than 0.1%

n.a. Not available

Source: E.M. Adlaf, R.G. Smart and J.I. Frank, Alcohol and Other Drug Use Among Ontario Adults in 1994 and Changes Since 1977 (Toronto: Addiction Research Foundation, 1994).

Includes living with partners.

Table 3.6 Tranquillizer use among adults aged 18 years and over by selected characteristics of the population, Ontario, 1977, 1982, 1984, 1987, 1989, 1991, and 1994

haracteristics of	1977	1982	1984	1987	1989	1991	1994
opulation	N=1774	N=1040	N=1051	N=1084	N=1101	N=1041	N=2022
Total sample	12.1 %	7.7 %	9.3 %	6.7 %	6.5 %	5.0 %	3.7 %
Gender:							
Male	8.7	6.0	6.1	3.5	5.0	4.1	3.3
Female	15.9	9.4	12.3	9.6	7.9	5.8	4.1
Age:							
18 - 29 years	7.1	4.4	3.6	2.1	5.8	1.6	2.1
30 - 39 years	13.6	5.9	9.9	7.1	4.5	4.5	2.6
40 - 49 years	12.2	6.1	11.4	9.3	5.4	5.0	4.8
50 - 64 years	18.6	12.0	13.2	6.5	9.0	9.4	4.6
65+ years	12.1	13.4	13.1	13.3	9.7	9.1	7.1
Marital status:							
Never married	n.a.	n.a.	n.a.	n.a.	n.a.	2.7	3.2
Married	n.a.	n.a.	n.a.	n.a.	n.a.	5.0 1	2.8
Living with partner	n.a.	n.a.	n.a.	n.a.	n.a.		3.9
Previously married	n.a.	n.a.	n.a.	n.a.	n.a.	9,6	9.5
Region:							
Metro Toronto	14.6	8.6	7.9	3.4	6.3	5.7	4.7
Metro Outskirts	7.4	5.7	7.6	7.3	4.1	5.7	2.6
Eastern Ontario	10.0	7.7	10.7	9.0	5.2	2.1	3.8
Western Ontario	13.2	6.8	11.3	9.3	7.8	4.6	4.9
Northern Ontario	12.7	10.7	9.2	5.8	9.7	7.7	2.9
Education:							
Elementary	11.2	9.8	11.8	13.1	7.2	6.1	4.4
Secondary	12.3	6.9	10.5	7.0	7.3	5.3	4.5
Post secondary	12.3	8.2	6.6	4.8	5.7	n.a.	n.a.
Some college/University	n.a.	n.a.	ilia in.a.	n.a.	n.a.	3.4: 19	2.9
University	n.a.	n.a.	n.a.	n.a.	n.a.	5.0	3.2
Occupation:							
Full-time	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2.3
Part-time	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	3.8
Unemployed	n.a.	3.4		6.9	5.7	5.6	8.4
Retired	n.a.	n.a.	 n.a.	n.a.	n.a.	್. n.a. ೆ -	7.5
Homemaker	n.a.	10.6	12.9	11.7	10.6	7.2	5.6
Students	n.a.	4.7	4.5	5.4	5.0	7.6	2.3
Other		14.1	15.5	13.5	8.9	4.0	4.0
Otilei	n.a.	14.1	15.5	13.5	0.9	4.0	4.0

Note:

.. Estimate less than 0.1%

n.a. Not available

Source: E.M. Adlaf, R.G. Smart and J.I. Frank, Alcohol and Other Drug Use Among Ontario Adults in 1994 and Changes Since 1977 (Toronto: Addiction Research Foundation, 1994).

<sup>&</sup>lt;sup>1</sup> Includes living with partners.

Table 3.7 Percentage of students reporting drug use at least once during the prior year, Ontario, 1981, 1983, 1985, 1987, 1989, 1991, 1993, and 1995

Type of Drug	1981	1983	1985	1987	1989	1991	1993	1995
Cannadis	29 9 %	23 7 %	21 2 %	159 %	*4 * %	* * 7 %	127 %	22 7 %
Giue	2.3	32	25	24	19	1.1	1.6	2.4
Other Solvents	3 2	41	27	3 7	3 1	<b>.</b> 6	23	2 9
Baroturates.	12.5	11,0	9.0	7.8	3.7	4.4	5.6	48
Baroiturates:	8 1	6 C	44	3 3	22	2.2	3 0	27
riero:*	1.5	1.6	1 6	* 4	12	* C	1.2	20
Speed	3 0	3 9	3 *	3 4	2.5	4 8	20	4 6
Stimulants.	£ 1	5 2	4 3	43	3 3	26	4.0	4 1
Stmurants:	121	15 4	448	- g	6 5	4 0	5 4	63
Tranquilizers.	7.5	6.5	4 -	4.9	3 :	2 9	22	1.8
Tranquillizers:	4 9	5.0	3 3	3 0	2 4	1 6	1 1	16
LSD	10.2	8.6	7.4	5.9	5.9	5 2	6.9	9.2
Other Halluchogens	4-	6.0	4 8	4 5	43	3 3	3 1	7 6
Cocaine	4.8	4 1	4.5	3 8	27	1.6	1.5	24
PCP	2.5	20	4.7	* 3	1.1	0.5	3 6	1.7

<sup>&</sup>lt;sup>1</sup> Prescription

Note Based on a provincewide survey of approximately 3.270 Ontario students in 1981: 4.737 in 1983: 4.154 in 1985: 4.267 in 1987 3.915 in 1989: 3.945 in 1991; 3.571 in 1993: and 3.870 in 1995 in Grades 7, 9, 11 and 13

<sup>&</sup>lt;sup>2</sup> Non-prescription

Table 3.8 Percentage of students reporting drug use at least once during the prior year by sex, Ontario, 1981, 1983, 1985, 1987, 1989, 1991, 1993, and 1995

				Male				
Type of Drug	1981	1983	1985	1987	1989	1991	1993	1995
Cannabis	33.2	% 28.0	% 24.4	% 18.7	% 14.7	% 13.2	% 14.8 %	
Glue analaid stainin aan	2.3		2.3	3.3	2.4	1.1	., il., <sub>il., i</sub> ., 1.,8	2.8
Other Solvents	3.4	4.6	2.7	4.2	3.4	1.3	2.0	2.4
Barbiturates <sub>1</sub>	14.5	11.4	9.1	8.9	8.1	3.9	6.0	4.4
Barbiturates <sub>2</sub>	8.3	7.9	4.6	4.0	2.5	1.9	3.0	2.5
Heroin	2.0	2.0	1.9	1.8	1.4	1.2	1.4	3.0
Speed	3.1	5.2	3.2	3.9	2.9	2.2	2.7	5.8
Stimulants <sub>1</sub>	6.9	5.7	4.7	4.5	3.7	2.6	4.2	3.6
Stimulants <sub>2</sub>	12.0	15.9	11.3	7.3	5.6	3.4	3.7	5.1
Tranquillizers	7.5	5.8	4.4	4.4	2.7	3.3	2.4	2.1
Tranquillizers <sub>2</sub>	5.6	5.4	2.8	3.3	2.1	1.4	1.0	1.6
LSD	11.4	10.8	8.7	7.8	6.8	5.9	8.1	10.4
Other Hallucinogens	5.5	8.1	5.8	6.1	4.6	4.2	3.9	9.4
Cocaine	5.7	5.6	5.2	5.1	3.5	2.0	1.5	3.0
PCP	3.0	2.4	2.1	2.0	1.5	0.9	0.7	2.1

				Female				
Type of Drug	1981	1983	1985	1987	1989	1991	1993	1995
Cannabis	26.3 %	19.4 %	17.9 %	13.2 %	13.5 %	9.9 %	10.7 %	19.8 %
Glue	2.2	2.7	1.7	1.5	1.4	1.1.1.1	1.5	2.1
Other Solvents	2.9	3.6	2.7	3.3	2.8	2.0	2.7	3.4
Barbiturates <sub>1</sub>	10.4	10.5	8.9	6.8	7.1	4.9	5.2	5.2
Barbiturates <sub>2</sub>	7.9	4.9	4.1	2.6	2.0	2.4	3.1	2.8
Heroin	0.8	1.3	1.0	1.0	0.9	0.9	1.0	1.0
Speed	3.0	2.6	2.9	2.4	2.0	1.5	1.4	3.4
Stimulants <sub>1</sub>	5.3	4.8	3.9	4.1	2.8	2.5	3.8	4.5
Stimulants <sub>2</sub>	12.0	14.8	12.3	8.5	7.3	4.7	7.0	7.5
Tranquillizers:	7.6	7.0	4.9	5.5	3.5	2.6	2.1	1.6
Tranquillizers2	4.2	4.6	3.8	2.6	2.6	1.8	1.1	1.5
LSD	8.9	6.4	6.0	4.0	4.9	4.5	5.7	7.9
Other Hallucinogens	3.7	3.8	3.6	3.1	3.9	2.3	2.3	5.9
Cocaine	3.7	2.7	3.6	2.4	1.9	1.2	1.4	1.6
PCP	1.9	1.7	1.1	0.6	0.7	0.1	0.6	1.3

<sup>&</sup>lt;sup>1</sup> Prescription.

Note: Based on a provincewide survey of approximately 3,270 Ontario students in 1981; 4,737 in 1983; 4,154 in 1985; 4,267 in 1987; 3,915 in 1989; 3,945 in 1991; 3,571 in 1993; and 3,870 in 1995 in Grades 7, 9, 11 and 13.

<sup>&</sup>lt;sup>2</sup> Non-prescription.

Fable 3.9 Percentage of students reporting drug use at least once during the prior year by age, Ontario, 1981, 1983, 1985, 1987, 1989, 1991, 1993, and 1995

		Age 13 and under									
ype of drug	1981	1983	1985	1987	1989	1991	1993	1995			
Cannabis	5.7 %	3.9 %	4.2 %	3.3 %	0.7 %	0.7 %	1.5 %	2.6 %			
Glue	3.4	4.7	3.1	3.9	2.2	1.2	3.1	3.5			
Other Solvents	5.0	6.6	4.3	6.9	4.7	2.2	3.1	3.7			
Barbiturates <sub>1</sub>	6.4	7.7	4.4	6.0	5.7	3.1	4.9	3.5			
Barbiturates <sub>2</sub>	1.1	1.3	0.9	0.8	0.6	0.7	0.8	0.9			
Heroin	0.6	1.3	1.2	1.5	0.9	1.1	1.4	1.1			
Speed	1.0	0.9	1.3	1.4	0.9	0.6	0.8	1.1			
Stimulants <sub>1</sub>	4.2	4.2	2.3	3.2	2.6	1.6	3.7	3.3			
Stimulants <sub>2</sub>	3.2	2.7	2.9	2.1	1.3	1.1	1.3	2.0			
Tranquillizers <sub>1</sub>	3,4	4.0	2.7	3.3	1.9	1.7	1.4	1,1			
Tranquillizers <sub>2</sub>	1.4	1.9	1.5	1.0	0.7	0.4	0.5	0.4			
LSD	1.8	1.4	1.7	2.5	1.5	0.9	1.1	1.3			
Other Hallucinogens	0.7	0.7	0.9	1.2	1.0	0.2	0.3	0.6			
Cocaine	2.5	2.7	2.5	2.1	1.0	0.9	1.3	1.5			
PCP	1.1	1.2	1.2	1.1	0.7	0.2	0.2	0.4			

				Age 1	14 and 15			
ype of drug	1981	1983	1985	1987	1989	1991	1993	1995
Cannabis	25.3 %	6 24.3 %	16.4 %	11.9 %	6 12.1 %	6.4 %	8.4	% 18.8 %
Glue	3.1	4.0	2.4	3.0	1.8	1.3	1.5	3.6
Other Solvents	4.8	4.2	3.6	3.3	2.9	2.4	2.9	3.8
Barbiturates <sub>1</sub>	12.6	10.7	8.8	5.9	7.6	4.6	6.2	5.7
Barbiturates <sub>2</sub>	8.5	6.2	3.8	3.0	2.6	1.8	3.3	2.7
Heroin	2.0	2.1	2.0	1.2	1.0	1.2	1.3	2.3
Speed	3.2	6.6	3.0	2.7	2.8	1.4	1.9	5.5
Stimulants <sub>1</sub>	6.9	5.8	4.9	4.1	3.6	3.5	4.9	5.0
Stimulants <sub>2</sub>	11.9	15.2	9.6	6.4	7.6	2.2	4.9	6.2
Tranquillizers <sub>1</sub>	7.6	6.2	3.9	4.4	2.2	2.6	2.4	1.1
Tranquillizers2	6.1	6.2	3.5	3.0	2.1	1.6	1.0	1.7
LSD	9.7	9.2	5.0	4.3	5.5	2.1	6.2	7.6
Other Hallucinogens	4.4	5.4	3.3	2.5	3.3	1.1	1.4	4.5
Cocaine	5.4	3.9	3.2	2.9	1.5	1.0	0.6	2.4
PCP	2.5	2.6	1.2	1.5	1.6	0.8	0.4	1.7

		Age 16 and 17							
ype of drug	1981	1983	1985	1987	1989	1991	1993	1995	
Cannabis	45.5	% 40.8	% 34.9	% 23.7	% 28.0			% 41.1 %	
Glue	1.6	1.6	1.5	1.5	2.1	0.9		1.3	
Other Solvents	1.5	2.1	1.5	2.7	2.8	0.9		2.2	
Barbiturates <sub>1</sub>	14.2	14.2	13.2	10.1	9.6				
Barbiturates <sub>2</sub>	13.2	11.3	7.3	5.6	3.4	3.6		4.8	
Heroin	1.7	2.1	1.8	1.5	1.7	1.0			
Speed	4.3	4.7	5.0	5.3	3.9	3.2		7.3	
Stimulants	6.7	6.2	5.6	5.6	4.1	2.8		4.9	
Stimulants <sub>2</sub>	18.6	27.6	18.8	13.0	8.7	6.9		10.1	
Tranquillizers	9.6	9.2	6.5	6.3	4.4	3.9		2.4	
Tranquillizers <sub>2</sub>	6.7	6.7	5.1	4.5	3.8	2.2		2.2	
LSD	16.3	15.7	12.9	9.5	9.1	9.1	10.0	18.4	
Other Hallucinogens	7.2	11.5	8.1	7.7	7.1	6.1	5.5	16.4	
Cocaine	5.6	5.4	6.0	4.7	4.6	2.3	1.6	3.3	
PCP PCP	3.6	2.7	2.9	1.4	1.3	0.6	0.6	2.9	

Table 3.9 Percentage of students reporting drug use at least once during the prior year by age, Ontario, 1981, 1983, 1985, 1987, 1989, 1991, 1993, and 1995 - Concluded

Age 18 and Over 1981 1983 1991 1993 1995 Type of drug 1985 1987 1989 Cannabis 37.1 % 40.4 % 27.7 % 24.1 % 24.5 % 28.4 % 33.1 % 31.9 % Glue 0.1 8.0 0.4 0.1 1.3 0.9 0.7 0.4 Other Solvents 0.4 1.2 0.5 0.4 1.2 0.9 1.3 1.2 Barbiturates<sub>1</sub> 13.3 13.6 9.5 10.4 8.6 4.3 4.1 2.9 4.7 Barbiturates<sub>2</sub> 3.9 7.7 5.8 3.4 2.3 2.3 1.2 Heroin 0.4 0.7 0.4 0.9 1.0 0.8 0.9 2.1 2.0 2.8 Speed 2.4 3.6 2.6 2.5 2.0 3.7 2.3 4.6 4.1 2.2 2.8 2.1 Stimulants<sub>1</sub> 4.9 4.3 Stimulants<sub>2</sub> 8.3 25.6 17.6 10.7 9.8 6.4 9.2 6.2 Tranquillizers<sub>1</sub> 7.6 8.0 5.8 6.2 6.1 3.7 2.0 2.9 Tranquillizers<sub>2</sub> 2.2 6.8 2.8 3.3 3.7 2.1 1.2 2.1 11.1 LSD 8.5 12.0 7.6 9.1 9.8 12.0 7.0 7.7 6.5 7.8 Other Hallucinogens 4.5 10.4 7.9 8.4 6.5 Cocaine 3.6 5.9 7.3 6.9 5.3 2.6 3.2 1.2 PCP 1.6 2.1 1.2 0.9 0.4 0.5 1.9 1.2

Note: Based on a provincewide survey of approximately 3,270 Ontario students in 1981; 4,737 in 1983; 4,154 in 1985; 4,267 in 1987; 3,915 in 1989; 3,945 in 1991; 3,571 in 1993; and 3,870 in 1995 in Grades 7, 9, 11 and 13.

Prescription.

<sup>&</sup>lt;sup>2</sup> Non-prescription.

Table 3.10 Percentage of students reporting drug use at least once during the prior year by grade, Ontario, 1981, 1983, 1985, 1987, 1989, 1991, 1993, and 1995

				Grade 7				
Type of Drug	1981	1983	1985	1987	1989	1991	1993	1995
Cannabis	5.7 %	5.2 %	4.7 %	3.8 %	0.9 %	0.7 %	1.7 %	2.8 %
Glue	3.7	4.7	3.1	3.9	2.2	1.1	3.2	3.6
Other Solvents	5.5	7.0	4.4	7.0	4.5	2.1	3.3	3.8
Barbiturates <sub>1</sub>	6.6	7.6	4.5	5.9	5.5	3.1	5.0	3.7
Barbiturates <sub>2</sub>	1.1	1.5	1.1	0.9	0.7	0.7	0.9	1.1
Heroin	0.7	1.5	1.5	1.7	0.9	8.0	1.5	1.3
Speed	1.0	1.0	1.4	1.5	1.0	0.4	0.9	1.3
Stimulants <sub>1</sub>	3.7	4.4	2.4	3.2	2.6	1.5	3.7	3.3
Stimulants <sub>2</sub>	3.1	3.4	3.0	2.3	1.4	0.9	1.4	2.2
Tranquillizers <sub>1</sub>	3.3	4.2	3.0	3.3	1.8	1.7	1.4	1.1
Tranquillizers2	1.4	2.0	1.7	1.1	0.6	0.3	0.7	0.6
LSD	2.0	2.0	2.0	2.7	1.6	0.9	1.2	1.7
Other Hallucinogens	0.9	0.9	1.1	1.2	0.9	0.3	0.2	0.9
Cocaine	2.7	2.8	2.9	2.4	1.1	8.0	1.4	1.7
PCP	1.2	1.0	1.4	1.2	0.7	0.2	0.3	0.6

	Grade 9							
Type of Drug	1981	1983	1985	1987	1989	1991	1993	1995
Cannabis	27.1 %	25.1 %	18.3 %	12.1 %	12.9 %	8.1 %	8.7 %	19.6 %
Glue	3.0	4.0	2.5	3.1	2.3	1.3	1.3	3.4
Other Solvents	4.7	3.7	3.3	3.1	3.6	1.9	2.8	3.9
Barbiturates <sub>1</sub>	13.8	11.3	8.9	6.3	7.7	4.6	6.3	5.5
Barbiturates <sub>2</sub>	9.7	6.4	4.4	3.2	2.8	2.4	3.3	2.6
Heroin	2.2	2.4	2.1	1.3	1.1	1.2	1.2	2.2
Speed	3.8	6.8	3.4	3.0	2.9	1.9	2.0	5.4
Stimulants <sub>1</sub>	7.2	5.5	4.9	4.2	3.7	3.4	5.0	5.1
Stimulants <sub>2</sub>	13.1	15.5	10.7	6.9	7.6	2.5	4.8	6.3
् Tranquillizers।	8.1	6.5	3.7	4.7	2.3	2.8	1.8	0.9
Tranquillizers2	6.3	6.9	3.8	3.2	2.4	2.1	0.9	1.5
LSD	10.7	9.5	5.9	4.6	6.2	3.6	6.3	7.5
Other Hallucinogens	4.8	6.4	4.1	3.0	3.6	1.9	1.5	4.7
Cocaine	5.9	4.6	4.3	3.2	2.1	1.5	0.6	2.4
PCP	2.8	3.0	1.4	1.3	1.7	1.0	0.3	1.7

					Grade 11			
Type of Drug	1981	1983	1985	1987	1989	1991	1993	1995
Cannabis	44.2	% 42.1	% 35.1	% 24.3	% 22.5	% 20.2 9	% 22.3	% 40.7 %
Glue	1.3	1.6	1.1	1.3	1.7	1.1	1.0	1.5
Other Solvents	1.4	2.1	1.4	2.6	2.2	1.4	1.7	2.0
Barbiturates <sub>1</sub>	14.8	14.9	13.4	10.4	10.1	5.8	6.7	5.9
Barbiturates <sub>2</sub>	12.4	12.0	7.3	5.4	2.9	3.5	4.6	4.6
Heroin	1.5	1.6	-, 14.3	1.6	1.8	1.3	1.0	2.4
Speed	3.7	5.4	5.0	5.2	3.7	3.2	3.2	7.2
Stimulants <sub>1</sub>	7.4	6.5	6.0	5.6	3.9	2.9	4.3	4.5
Stimulants <sub>2</sub>	18.4	29.0	18.9	12.9	8.4	7.6	8.6	10.2
Tranquillizers	9.9	9.3	6.8	6.1	4.6	3.7	3.3	2.6
Tranquillizers <sub>2</sub>	6.4	6.7	4.5	4.3	3.9	2.3	1.4	2.4
LSD	16.0	16.5	13.5	9.8	8.5	9.9	11.5	18.5
Other Hallucinogens	7.3	11.5	8.4	7.6	7.3	6.5	6.1	16.5
Cocaine	5.5	5.0	5.1	4.6	4.6	2.8	2.3	3.5
PCP	3.4	2.6	2.4	1.6	1.1	0.6	0.9	3.1

Table 3.10 Percentage of students reporting drug use at least once during the prior year by grade, Ontario, 1981, 1983, 1985, 1987, 1989, 1991, 1993, and 1995 - Concluded

	Grade 13							
Type of Drug	1981	1983	1985	1987	1989	1991	1993	1995
Cannabis	37.4 %	36.5 %	30.8 %	30.5 %	28.0 %	21.5 %	21.6 %	27.5 %
Glue	0.2	0.4	0.4	0.3	1.0	0.4	0.7	0:1
Other Solvents	-	0.9	0.7	0.4	1.1	0.6	0.7	0.9
Barbiturates <sub>1</sub>	11.5	11.9	9.4	9.3	8.0	3.5	2.7	3.0
Barbiturates <sub>2</sub>	3.1	6.4	4.8	3.3	2.8	1.8	2.5	1.3
Heroin	-	0.3	0.4	0.2	0.7	0.6	1.2	1.7
Speed	1.8	2.0	2.0	2.2	2.2	1.5	1.5	3.4
Stimulants <sub>1</sub>	3.5	4.5	3.4	3.9	2.4	2.3	1.4	2.1
Stimulants <sub>2</sub>	7.1	23.0	16.8	10.3	10.7	5.5	7.1	5.5
Tranquillizers	6.2	7.3	5.7	6.2	5.0	4.0	2.3	2.6
Tranquillizers <sub>2</sub>	2.1	5.4	3.1	3.1	3.2	1.4	1.6	1.3
LSD	6.5	9.3	8.7	6.4	8.7	6.8	8.4	6.8
Other Hallucinogens	3.4	8.4	6.3	8.2	7.2	4.9	5.6	7.2
Cocaine	2.9	5.0	6.7	5.9	4.2	1.2	1.6	1.3
PCP	1.0	1.1	1.3	0.5	0.6	0.3	1.3	0.8

<sup>&</sup>lt;sup>1</sup> Prescription.

Note: Based on a provincewide survey of approximately 3,270 Ontario students in 1981; 4,737 in 1983; 4,154 in 1985; 4,267 in 1987; 3,915 in 1989; 3,945 in 1991; 3,571 in 1993; and 3,870 in 1995 in Grades 7, 9, 11 and 13.

<sup>&</sup>lt;sup>2</sup> Non-prescription.

Table 3.11 Percentage of students reporting drug use at least once during the prior year by region, Ontario, 1981, 1983, 1985, 1987, 1989, 1991, 1993, and 1995

				Metro	)			
Type of Drug	1981	1983	1985	1987	1989	1991	1993	1995
Cannabis	19.1	% 20.6	% 20.7	% 13.1	% 12.5	% 10.1	% 9.3 9	6 18.3 %
Glue	1.6	2.2	2.1	1.8	H + D + 1.7	0.7	1.2	1.4
Other Solvents	2.0	3.2	1.5	3.9	2.3	1.1	1.8	2.5
Barbiturates <sub>1</sub>	10.1	8.5	7.0	6.4	6.9	4.0	4.5	3.9
Barbiturates <sub>2</sub>	4.9	4.2	4.2	2.8	1.8	1.5	1.5	1.6
Heroin	0.9	1.1	2.4	2.1	0.9	1.9	1.6	1.6
Speed	1.5	1.5	3.7	2.6	2.5	1.3	0.6	2.5
Stimulants <sub>1</sub>	4.3	4.5	4.2	2.5	2.7	1.5	J 140 3.1	2.0
Stimulants <sub>2</sub>	5.2	14.1	11.9	5.7	6.4	3.3	3.5	4.4
Tranquillizers <sub>1</sub>	5.9	5.2	4.1	4.3	1.4	2.4	1.4	1.1
Tranquillizers <sub>2</sub>	3.5	4.0	3.9	2.1	1.6	1.3	1.0	1.6
LSD	5.8	7.6	6.5	2.9	4.5	3.9	3.2	5,5
Other Hallucinogens	3.1	5.2	5.9	2.6	3.8	2.9	1.2	4.9
Cocaine	4.1	3.2	5.8	3.8	3.4	2.4	1.1	1.9
PCP	1.0	1.7	2.2	0.9	0.6	0.9	0.4	0.8

	West							
Type of Drug	1981	1983	1985	1987	1989	1991	1993	1995
Cannabis	39.5	% 25.6	% 22.6	% 15.3	% 13.8	% 12.2	% 13.1 9	
Glue	2.6	4.2	2.2	2.8	2.2	1.3	1.8	2.9
Other Solvents	3.4	4.8	2.9	3.9	3.3	1.9	2.8	3.4
Barbiturates <sub>1</sub>	14.7	10.7	9.9	7.3	7.6	4.6	6.4	4.8
Barbiturates <sub>2</sub>	13.0	6.3	4.5	3.1	2.5	2.1	4.6	3.0
Heroin	2.5	1.8	1.4	1.2	1.5	a[j,g] 1.0	1.3	2.2
Speed	5.0	5.5	3.2	2.8	3.2	2.5	2.9	5.3
Stimulants:	8.4	5.6	4.8	5.2	3.3	2.9	5.2	4.0
Stimulants <sub>2</sub>	18.8	17.1	13.6	7.9	6.4	4.5	6.7	6.1
Tranquillizers <sub>1</sub>	9.2	6.5	4.8	5.1	3.4	3.0	2.4	2.1
Tranquillizers <sub>2</sub>	6.0	5.3	2.6	2.8	2.4	1.6	1.1	1.8
LSD	14.3	9.4	9.6	6.4	6.4	5.8	8.6	10.2
Other Hallucinogens	6.4	7.5	4.4	4.1	4.6	3.3	3.4	7.3
Cocaine	6.2	4.9	4.3	3.0	2.6	1.3	1.5	2.9
PCP	3.4	2.0	1.8	1.6	1.1	0.3	0.7	2.1

					East			
Type of Drug	1981	1983	1985	1987	1989	1991	1993	1995
Cannabis	28.9	% 23.0	% 18.0	% 18.0	% 13.4			and the second s
Glue	2.1	2.7	1.7	2.1	1.5	0.9	1.6	4.0 2.3
Other Solvents	4.0	3.3	3.2	2.7	3.4	1.6	2.0	2.3
Barbiturates <sub>1</sub>	10.8	12.8	8.5	8.2	8.4	3.6	4.9	5.5
Barbiturates <sub>2</sub>	5.8	6.5	3.9	3.2	1.9	2.2	1.9	2.2
Heroin	1.0	1.8	0.8	1.1	0.8	0.5	0.8	2.0
Speed	2.0	3.2	2.3	3.9	1.6	1.0	1.4	4.5
Stimulants	4.8	5.4	3.1	4.3	3.2		3.0	5.4
Stimulants <sub>2</sub>	11.2	13.8	8.1	8.5	6.3	3.7	4.0	7.6
Tranquillizers	6.5	7.2	4.8	4.8	3.3	3.0	2.6	1.6
Tranquillizers2	4.8	5.6	3.0	3.9	2.7	1.6	0.8	1.4
LSD	8.9	7.8	4.2	6.2	5.0	4.3	5.6	10.2
Other Hallucinogens	4.2	4.5	4.3	6.7	4.2	3.7	2.9	8.0
Cocaine	4.1	3.6	3.7	5.1	2.8	1.8	1.4	2.3
PCP	2.6	2.4	1.0	0.8	1.5	0.3	0.8	1.8

Table 3.11 Percentage of students reporting drug use at least once during the prior year by region, Ontario, 1981, 1983, 1985, 1987, 1989, 1991, 1993, and 1995 - Concluded

				Nor	th		
Type of Drug	1981	1983	1985	1987	1989	1991	1993 1995
Cannabis	25.5 %	24.7 %	25.0 %	6 18.6 %	20.5 %	12.7 %	24.9 % 27.4 %
Glue	3.4	3.3	1.6	3.1	2.6	1.2	1.7
Other Solvents	3.7	5.9	3.1	5.4	3.5	1.7	2.6 2.7
Barbiturates <sub>1</sub>	15.5	12.3	11.3	12.2	8.4	6.9	7.2 4.1
Barbiturates <sub>2</sub>	4.8	7.7	5.2	5.1	2.8	4.1	2.6 5.5
Heroin	0.5	1.7	1.6	1.3	1.5	1.0	1.0 2.1
Speed	2.5	4.7	3.0	3.7	1.7	2.3	3.4 6.2
Stimulants:	6.6	4.7	5.6	5,2	4.6	3.9	3.6
Stimulants <sub>2</sub>	7.7	16.0	14.1	11.1	7.8	4.1	7.6 8.2
Tranquillizers:	8.5	7.0	5.1	6.1	4.4	3.9	2.2
Tranquillizers2	5.0	4.0	5.2	3.3	2.9	2.5	2.1 0.7
LSD well introductive states.	9.6	9.7	8.8	9.5	8.4	8.7	11.2
Other Hallucinogens	3.4	5.9	4.9	4.5	4.0	2.4	6.6 14.4
Cocaine	3.3	4.7	4.5	2.9	2.0	0.5	2.3 1.4
PCP	2.5	1.3	2.0	1.9	1.1	2.2	0.3 0.7

<sup>&</sup>lt;sup>1</sup> Prescription.

Note: Based on a provincewide survey of approximately 3,270 Ontario students in 1981; 4,737 in 1983; 4,154 in 1985; 4,267 in 1987; 3,915 in 1989; 3,945 in 1991; 3,571 in 1993; and 3,870 in 1995 in Grades 7, 9, 11 and 13.

<sup>&</sup>lt;sup>2</sup> Non-prescription.

Table 3.12 Student use of ecstasy and ice during the past year and use of steriods during lifetime, Ontario, 1989, 1991, 1993, and 1995

		use during las	year	Ice use during last year			
Characteristics of	1991	1993	1995	1991	1993	1995	
population	N=1958	N=1841	N=1927	N=1950	N=1835	N=1922	
Total sample	0.2 %	0.6 %	1.8 %	0.8 %	1.2 %	1.1 %	
Gender:							
Male	0.3	0.9	2.5	0.9	1.7	1.5	
Female	0.1	0.3	1.1	0.6	0.7	0.6	
Grade:							
7	0.0	0.2	0.4	0.6	1.0	1.9	
9	0.0	0.3	1.3	1.9	0.8	0.9	
11	0.5	0.4	3.0	0.3	1.7	0.8	
13	0.4	2.5	2.6	0.0	1.1	0.3	
Region:							
Metro Toronto	0.5	0.7	1.5	1.5	3.0	1.5	
Eastern Ontario	0.0	1.0	1.4	0.5	0.7	1.2	
Western Ontario	0.2	0.3	2.0	0.7	1.0	0.9	
Northern Ontario	0.0	0.3	2.3	0.0	0.0	0.0	

Storoid use during lifetime

	Steroid use during lifetime									
<b>Characteristics of</b>	1989	1991 (1991)	1993	1995						
population	N=3515	N=3945	N=3571	N=3870						
Total sample	1.1 %	1.8 %	1.7 %	1.5 %						
Gender:										
Male	2.1	3.1	2.5	2.1						
Female	0.2	0.3	0.9	0.9						
Grade:										
7	0.5	1.3	1.0	1.2						
9	1.2	1.8	0.9	1.4						
11	1.6	2.1	2.8	1.5						
13	1.3	1.9	1.9	1.9						
Region:										
Metro Toronto	0.8	1.8	0.7	0.6						
Eastern Ontario	1.1	2.1	2.2	1.8						
Western Ontario	1.1	0.9	1.4	1.6						
Northern Ontario	1.5	2.7	1.9	1.3						

Note: Based on a provincewide survey of approximately 3,270 Ontario students in 1981; 4,737 in 1983; 4,154 in 1985; 4,267 in 1987; 3,915 in 1989; 3,945 in 1991; 3,571 in 1993; and 3,870 in 1995 in Grades 7, 9, 11 and 13.

Table 3.13 Pattern of drug use among students, Ontario, 1979, 1991, 1993, and 1995

Pattern	1979 (N=4794)	1991 (N=3945)	1993 (N=3571)	1995 (N=3870)
No drugs	17.4 %	36.9 %	36.4 %	34.3 %
Alcohol only	28.3	32.3	28.8	25.8
Tobacco only	1.3	1.3	2.3	2.0
Alcohol and tobacco	7.0	8.8	7.7	5.8
Medical use only	1.0	1.2	2.2	1.1
Alcohol and medical	4.3	2.3	2.4	1.7
Tobacco and medical	0.2	0.0	0.1	0.3
Alcohol, tobacco, and medical	1.4	1.1	1.3	0.5
Cannabis only	0.3	0.1	0.3	0.4
Alcohol and cannabis	4.6	1.4	1.5	2.3
Tobacco and cannabis	0.3	0.1	0.1	0.5
Alcohol, tobacco, and cannabis	7.0	3.2	3.1	5.5
Other illicit combination	26.9	11.3	14.1	19.8

Note: Based on a provincewide survey of approximately 3,270 Ontario students in 1981; 4,737 in 1983; 4,154 in 1985; 4,267 in 1987; 3,915 in 1989; 3,945 in 1991; 3,571 in 1993; and 3,870 in 1995 in Grades 7, 9, 11 and 13.

Table 3.14 Percentage of university students reporting illicit drug use during the past 12 months, Ontario, 1993

(Percentage using drug during the past 12 months) Characteristics of Cannabis Cocaine Crack LSD Hallucin-Speed Heroin population ogens Total sample 27.0 % 2.6 % 1.3 % 7.0 % 7.7 % 2.0 % 1.1 % Gender: Male 32.4 3.4 1.8 10.0 10.0 2.3 1.6 Female 21.7 1.9 0.9 4.2 5.3 1.6 8.0 Age: 23.3 17 - 19 years 1.0 0.7 7.3 6.2 2.2 0.8 20 - 22 years 29.1 2.5 1.3 8.1 9.1 1.8 1.2 27.2 4.2 23 - 25 years 1.3 5.9 7.8 1.4 1.0 24.3 2.7 26+ years 4.4 3.1 2.9 3.2 2.5 Year of Study First 27.1 2.0 1.1 8.0 6.6 2.1 0.9 Second 28.9 3.2 1.3 7.2 9.3 1.5 1.1 Third 25.9 2.8 1.3 6.7 7.9 2.2 1.2 Fourth 24.5 2.7 2.0 4.3 7.0 2.1 2.1 Grades 21.4 3.1 1.8 5.8 4.8 2.4 Α 1.6 В 28.4 2.3 1.3 7.4 8.4 1.8 1.3 C 29.4 2.5 0.6 7.3 8.6 1.7 0.6 D 41.6 7.1 4.8 15.3 15.2 4.8 4.8 Place of Residence 28.7 2.0 1.2 90 94 19 1.0 Campus 1.2 0.6 4.0 4.1 1.4 0.6 **Parents** 18.4 2.0 9.2 10.3 2.5 1.8 33.9 4.0 Off Campus 17.5 3.9 0.9 1.3 1.0 0.7 0.9 Other **Program** 1.7 8.0 10.1 33.0 2.6 1.0 8.5 Arts 4.4 4.0 1.8 1.1 1.3 Science 19.0 1.9 2.4 9.3 10.6 1.9 Social Science 3.7 1.8 30.2 1.8 5.9 4.7 3.3 1.9 Business 22.5 2.8 2.3 0.9 6.7 7.5 1.1 0.9 27.9 Other

Source: L. Gliksman, B. Newton-Taylor, E. Adlaf, D. Dewit, and N. Giesbrecht, <u>University Student Drug Use & Lifestyle Behaviours - Current Patterns and Changes from 1988 to 1993</u> (Toronto: Addiction Research Foundation, December 1994).

Table 3.15 Percentage of university students reporting licit drug use during the past 12 months, 1993

	Barbiturates		entage using drug during th Tranquillizers		Stimulants		·	
Characteristics of	Prescrip-	Non-	Prescrip-	Non-	Prescrip-	Non-		
population	tion	Prescription	tion	Prescription	tion	Prescription	Steroids	
Total sample	3.4 %	2.0 %	3.2 %	1.9 %	2.7 %	3.3 %	1.5 %	
Gender:								
Male	3.3	2.5	3.7	2.2	2.7	4.0	2.4	
Female	3.4	1.5		1.6	2.7	2.7	e 1 de 201 <b>0.6</b>	
Age:								
17 - 19 years	2.6	2.4	3.0	2.2	3.1	3.1	0.7	
20 - 22 years	3.9	2.0	2.7	1.7	2.3	3.6	1.8	
23 - 25 years	2.9	1.6	3.5	1.7	2.5	2.9	1.3	
26+ years	3.1	2.3	6.3	3.0	3.9	3.1	1.9	
Year of Study								
First	3.0	2.4	3.2	2.0	3.0	2.9	1.0	
Second	1991. <b>4.1</b> 119		13 <b>3.2</b> 1,2	1.5	2.6	3.9	1.6	
Third	3.3	1.5	2.6	1.9	2.1	3.8	1.7	
Fourth Management	3.1	2.1	4.6	2.4	2.8	2.8	2.2	
Grades								
Α	3.2	2.7	3.8	2.2	3.6	3.4	1.5	
British to the first	3.6	2.2	3.1	No eller	2.8	3.4	1.6	
С	2.8	1.1	2.7	1.2	1.4	3.2	0.8	
D	8.8	3.0	6.0	2.9	7.8	5.6	5,1	
Place of Residence								
Campus	4.3	2.8	3.8	3.0	2.9	2.9	1.1	
Parents	2.2	0.9	1.6	1.0		2.2	1.1	
Off Campus	4.1	2.7	4.3	2.3	3.4	4.7	2.0	
Other	2.5	0.7	5.4	0.7	0.7	0.3	0.8	
Program								
Arts	3.9	2.3	2.8	2.2	3.2	3.4	1.2	
Science	2.4	1.2	2.6	1.6	2.6	2.4	1.3	
Social Science	5.0	2.6	4.5	2.3	3.3	5.0	2.2	
Business	2.8	2.2	4.1	1.9	2.7	4.6		
Other	3.0	1.8	3.2	1.7	1.2	1.8	1.3	

Source: L. Gliksman, B. Newton-Taylor, E. Adlaf, D. Dewit, and N. Giesbrecht, <u>University Student Drug Use & Lifestyle Behaviours - Current Patterns and Changes from 1988 to 1993</u> (Toronto: Addiction Research Foundation, December 1994).

Table 3.16 Lifetime, annual and daily prevalence of drug use by street youth1 in Toronto, 1992

		Gender		Age	
	Total	Male	Female	<19	19+
	(N=217)	(N=160)	(N=57)	(N=64)	(N=153)
Cannabis					
Ever	96 %	97 %	93 %	92 %	97 %
Year	83	84	83	89	81
Daily	15	16	12	17	14
LSD				17	17
Ever	81	83	77	84	80
Year	59	63	47	75	52
Daily	1	1	-	2	-
Cocaine					
Ever	53	54	49	41	58
Year	31	31	32	31	31
Daily	3	3	4	2	4
Diazepam (Tranquillizer)					
Ever	48	51	40	36	53
Year	29	29	28	28	29
Daily	-	**	-	-	-
Crack					
Ever	42	44	33	25	48
Year	31	31	28	19	36
Daily	5	4	5	2	6
Speed					
Ever	24	29	12	11	30
Year	9	11	2	3	11
Daily	1	1	2	-	1
Inhalants					
Ever	26	29	16	30	24
Year	8	11	2	17	5
Daily	2	3	-	3	1
Heroin					
Ever	19	20	18	14	21
Year	4	4	4	8	3
Daily	-	-	-	-	-
Ecstasy					
Ever	13	14	9 7	9	14
Year	10	11	7	9	11
Daily	-	-	-	-	-
Ice					
Ever	5	5	4		7
Year	1	1	-		1
Daily		-	-	-	-

Based on a sample of 217 street youth aged 24 years and under interviewed during February and May 1992 in downtown Toronto.

Source: R.G. Smart, E.M. Adlaf, G.W. Walsh, and Y.M. Zdanowicz, <u>Drifting and Doing Changes in Drug Use Among Toronto Street Youth, 1990-1992</u> (Toronto: Addiction Research Foundation, 1992).

Table 3.17 Patterns of drug use among street youth1 in Toronto, 1992

Patterns of drug use No. times used No. users Age of Frequency of use during past year in past year first use in past year A few Weekly Mean Mean/ Monthly Drug (N) Median times Cannabis 181 13 92/55 24 % 25 % 52 % 67 16 49/4 62 12 Cocaine 26 Crack 66 18 68/22 42 17 41 15 LSD 127 27/04 57 29 15 9 2/2 22 Heroin 18 78 74 Speed 19 16 16/04 16 11 Tranquillizers 62 16 25/04 68 13 18 Inhalants 18 16 33/04 61 39

	Patterns of drug use							
	Тур	ical method of use	Current use a major	No. months use a major problem				
Drug	Inject	Smoke or Inhale	Other	problem	Mean/			
Cannabis	- %	95 %	5 %	10 %	34/30			
Cocaine 1911		1,8 (1 40 April 40 April 41 (1)		30	46/48			
Crack	-	92	8	44	30/24			
LSD	1486508009- <b>1</b> -0603		99	903411974 <b>8</b> 1815	20/8			
Heroin	56	33	11	-	0/0			
Speed	25	13	63	6	4/4			
Tranquillizers	-		100	3	4/4			
Inhalants	nni ja programa seeraa kuu ka	100		39	7/1			

<sup>&</sup>lt;sup>1</sup> Based on a sample of 217 street youth aged 24 years and under interviewed during February and May 1992 in downtown Toronto.

Source: R.G. Smart, E.M. Adlaf, G.W. Walsh, and Y.M. Zdanowicz, <u>Drifting and Doing Changes in Drug Use Among Toronto Street You 1990-1992</u> (Toronto: Addiction Research Foundation, 1992).

Table 3.18 Public opinion on marijuana policy, by gender, age group, and educational level, Ontario, 1992

Percentages of total sample by gender and age group Total all ages Age Group Total Male Female 18-34 55+ 35-54 Do you think possession of small amounts of marijuana should be: a criminal offence 49.0 % 43.3 % 54.3 % 49.6 % 43.3 % 59.8 % only a fine, like a traffic violation 35.6 35.3 36.8 33.1 40.8 33.4 not an offense 15.4 21.9 9.8 18.3 17.4 6.6 A person caught possessing marijuana should get a criminal record 58.1 52.7 62.3 62.7 51.6 59.7 A person who sells an ounce of marijuana to an acquaintance should get a criminal record 79.6 75.0 84.4 78.2 77.8 87.2

	Percentages of total sample by educational level				
	Total	< High school	High school	College/ some university	University/ professional degree
Do you think possession of small amounts of marijuana should be: a criminal offence only a fine, like a traffic violation not an offense	49.0 % 35.6 15.4	57.3 % 29.5 12.8	47.0 % 38.1 15.5	51.5 % 35.8 13.7	39.5 % 39.1 21.4
A person caught possessing marijuana should get a criminal record	58.1	63.7	59.3	59.4	49.8
A person who sells an ounce of marijuana to an acquaintance should get a criminal record	79.6	80.8	80.2	81.3	73.3

Source: J. Ferris, L. Templeton, and S. Wong, <u>Alcohol, Tobacco, and Marijuana</u>; <u>Use, Norms, Problems, and Policy Attitudes Among Ontario Adults - A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1992</u> (Toronto: Addiction Research Foundation September 1994).

# CHAPTER IV PROBLEMS ASSOCIATED WITH DRUG USE

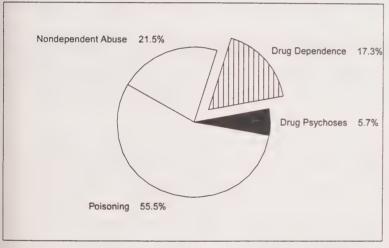
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## **CHAPTER IV**

## PROBLEMS ASSOCIATED WITH DRUG USE

Health

Figure 4.1: Drug related hospital separations, Ontario, 1993-94



The health indicators associated with drug use are hospital separations and mortality.

A separation is defined as the discharge or death of an inpatient. Residents who were treated outside the province would not be included in the Ontario separation data. The data on separations are counts of cases, not patients, since an individual is counted on each occasion that he or she stays in the hospital. Primary diagnosis refers to the most significant condition treated during hospitalization and only one primary diagnosis is recorded for each question. Secondary diagnosis describes other important or complicating conditions that were also treated.

Patients may be treated for up to 15 secondary diagnoses, but for our purposes only the first occurrence of an drug-related secondary diagnoses is recorded, and only when that diagnosis is associated with a primary diagnosis other than an drug-related condition. Hospital separations include individuals treated in general and psychiatric hospitals. Although the category of drug used is recorded, the data do not distinguish between licit and illicit drugs.

In 1993-94, there were 6,507 primary separations and 8,425 secondary separations (see tables 4.1 to 4.4). Females had more primary (3,715) and secondary (4,768) separations than males (2,792 primary and 3,657 secondary). Females were also more likely to have poisoning-related problems while males had higher separation rates for drug psychoses and nondependent abuse. Drug-related hospital separations were highest among the 25 to 34 age group, decline in the older age groups, and increase for the 65 and older age group. Nondependant abuse is more likely to be a secondary diagnosis while poisonings are more likely to be the primary diagnosis.

I wo measures of mortality are presented: one is based on the nature of the injury and the other is the external cause of death. Although methods exist to estimate deaths that are caused indirectly by alcohol and tobacco, no comparable method exists for drugs.

In 1992, 162 drug-related deaths occurred based on the nature of the injury (see table 4.5). Of these, 23 were due to mental disorders and the rest were due to different types of poisoning. Antidepressants were the most common type of drug used in poisoning deaths (42) followed closely by poisoning from opiates and related narcotics (41). Deaths due to poisoning by opiates and related narcotics rose to 41 from 24 the previous year Men accounted for 62% of the deaths in 1992. Males tend to have more deaths due to mental disorders (12 male deaths versus 6 female deaths) and due to poisoning by opiates and related narcotics (32 males and females).

In 1992, drugs were the external cause of death in 139 cases (see table 4.6). Suicide accounted for 69 of these deaths, while accidental poisoning caused 58. The most common cause of death was suicide by tranquillizers and other psychotropic agents, with 33 deaths. Males accounted for 83 of the deaths while females accounted for 56. Males were more likely to die from accidental poisoning than females (40 deaths versus 18 deaths respectively). The suicide deaths were divided evenly between the sexes.

#### Crime

Drug-related crime statistics must be interpreted with caution. Statistics Canada notes "a change in police reported drug offenses does not mean there was a corresponding increase or decrease in drug usage, but may in fact reflect changes in police enforcement practices" (Statistics Canada, Canadian Crime Statistics 1990 p. 45).

In 1993, 17,606 drug offences occurred in Ontario (see table 4.7). This number is up slightly from 1992 but is much less than the 27,243 offences that occurred in 1989. Cannabis accounted for 62% of all drug offenses cocaine comprised 26%; heroin accounted for 3.5% and offenses under the Food and Drugs Act accounted for 3.7%. Cannabis offenses have fallen from 15,691 in 1989 to 10,968 in 1993. Although cocaine is used by only one-tenth as many people as cannabis, there are almost one-half as many cocaine offenses as cannabis offenses. This is likely due to stricter enforcement involving cocaine. Females account for 13.5% of all drug offenses and juvenile offenders accounted for 6.2% offenses.

Conviction data do not include convictions for offenses involving cannabis. The Narcotic Control Accaccounted for 92% of convictions and the Food and Drug Act accounted for the rest (see table 4.8 to table 4.9) Cocaine accounted for 87% of the convictions under the Narcotic Control Act. Approximately 55% of people convicted were convicted for possession. The most common age group to be convicted was the 30 to 39 age group. However if we combined those aged 20 to 24 with those aged 25 to 29, the total number of convictions would be higher than the 30 to 39 age group.

Table 4.11 shows the number and quantity of drug exhibits seized in Ontario cities. In 1994, marijuana had the highest number of seizures (4,946), followed by cocaine (2,621) and hashish (2,079). Toronto has the largest population and also has the highest number of seizures for most drugs. Toronto has a particularly high percentage of the total quantity of heroin seized (50.5 kg out of the 54.0 kg total Ontario seizures). The quantity of drugs seized can be deceiving because one large seizure can drastically alter the totals.

### References

Hospital Medical Records Institute, special data tape.

Statistics Canada, <u>Causes of Death - Vital Statistics Volume IV 1986</u> (Ottawa: Statistics Canada, Catalogue No. 84-203, 1988).

Statistics Canada, <u>Causes of Death, 1987, 1988, 1989</u>, and <u>1990</u> (Ottawa: Statistics Canada, Catalogue No. 82-003s, 1989, 1990, 1991, and 1992, respectively).

Statistics Canada, Causes of Death, 1991 and 1992 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1993 and 1994 respectively).

Statistics Canada, <u>Canadian Crime Statistics 1985</u>, <u>1986</u>, <u>1987</u>, <u>1988</u>, <u>1989</u>, <u>1990</u>, <u>1991</u>, and <u>1992</u> (Ottawa: Statistics Canada, Catalogue No.85-205, 1986, 1987, 1988, 1989, 1990, 1991, 1993, and 1994 respectively).

Health Canada, Bureau of Dangerous Drugs, Health Protection Branch.

Table 4.1 Primary drug-related hospital separations by age and sex, Ontario, 1991-92 to 1993-94

Age		Male			Female			Total	
/ igo	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
			_						
0.44	460	4.45		otal drug-rela	-	-		454	200
0-14 15-19	168 308	145 303	122	356	306	276	524	451	398
	369	365	268 333	698	642	582	1,006	945	850
20-24	949	957	910	426 980	404	370	795	769	703
25-34 35-44	610	648	679	788	895 792	893	1,929	1,852	1,803
	211	207		376	365	738 380	1,398	1,440	1,417
45-54	112	114	237 99	179	167	200	587 291	572	617 299
55-64 65+	164	136	143	322	305	276	486	281 441	419
Unknown	104	130	143		.500	210	400	-1-4-1	1
Total	2,891	2,875	2,792	4,125	3,876	3,715	7,016	6,751	6,507
1 0 0011			-11.02		5,515	5,1,10			
				Dru	g psycho:	ses			
0-14	-	1	2	-		-	-	1	2
15-19	22	20	25	6	4	6	28	24	31
20-24	18	18	40	5	12	16	23	30	56
25-34	51	60	85	16	33	41	67	93	126
35-44	34	40	39	27	33	38	61	73	77
45-54	16	12	29	18	20	27	34	32	56
55-64	9	13	12	13	16	14	22	29	26
65+	17	17	20	41	47	31	58	64	51
Unknown	-	-	-	-	-	-	-	-	-
Total	167	181	252	126	165	173	293	346	425
				Dru	g depende	nce			
0-14	3			5	5 depende	5	8	5	5
15-19	19	35	30	8	11	11	27	46	41
20-24	52	59	53	34	27	34	86	86	87
25-34	246	237	232	148	124	148	394	361	380
35-44	127	144	172	83	85	107	210	229	279
45-54	32	40	45	44	49	44	76	89	89
55-64	5	12	7	15	25	19	20	37	26
65+	9	8	14	24	19	22	33	27	36
Unknown	9		-	n= 1	-	-	-	-	-
Total	493	535	553	361	345	390	854	880	943
						e of drugs	6	10	12
0-14	. 1	5	4			8	6 43	33	48
15-19	19	20	29	24	13	19 18	63	62	52
20-24	48	48	34	15	14	52	198	142	147
25-34	114	93	95	84	49	28	114	97	88
35-44	61	67	60	53	30		31	14	23
45-54	14	5	11	17	9	4	14	14	11
55-64	7	9	7	7	5	14	26	22	17
65+	10	5	3	16	17	14	20	-	-
Unknown	-			-	4.42	155	495	394	398
Total	274	252	243	221	142	155	493	334	000

Table 4.1 Primary alcohol-related hospital separations by age and sex, Ontario, 1991/92 to 1993/94- Concluded

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
					4.	4.	42.1		
			,	g by analgesic				004	000
0-14	78	68	55	235	193	178	313	261	233
15-19	165	147	113	522	468	427	687	615	540
20-24	140	120	116	205	203	181	345	323	297
25-34	193	208	172	273	245	240	466	453	412
35-44	107	115	104	180	186	171	287	301	275
45-54	37	44	43	86	72	79	123	116	122
55-64	20	28	22	54	32	54	74	60	76
65+	39	36	32	78	82	76	117	g 118	108
Unknown	-	700	0.57	4 000	4 404	4 400	0.440	0.047	
Total	779	766	657	1,633	1,481	1,406	2,412	2,247	2,063
				Poisoning by	sedatives a	and hypno	otics		
0-14	10	6	8	22	18	12	32	24	20
15-19	14		5 5		21	12	31	34	17
20-24	21	18	15	31	26	14	52	44	29
25-34	7.1	51	54	78		57	149	112	
35-44	53	52	61	74	71	48	127	123	109
45-54	20	16	17	37	30	26	57	46	43
55-64	15	7	14	18	15	14	33	22	28
65+	17	24	14	44	29	25	61	53	39
Unknown	-	-	-	-	-		-	-	<u>-</u>
Total	221	187	188	321	271	208	542	458	396
				Poisoning b					
0-14	76	65	53	89	85	73	165	150	126
15-19	69	68	66	# + # 121	125	107	190	193	173
20-24	90	102	75	136	122	107	226	224	182
25-34	274	308	272	381	383	355	655	691	627
35-44	228	230	243	371	387	346	599	617	589
45-54	92	90	Sec. 92	174	185	192	266	275	284
55-64	56	45	37	72	74	95	128	119	132
65+	72	46	60	119	· 111	108	191	157	168
Unknown	-	-	1	-	-		-	-	1
Total	957	954	899	1,463	1,472	1,383	2,420	2,426	2,282

<sup>&</sup>lt;sup>1</sup> For medical conditions included under each diagnostic category, see Technical Notes.

Table 4.2 Primary drug-related hospital separations by age and sex, rate per 100,000 population, Ontario, 1991-92 to 1993-94

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
				tal drug-rela		•			
0-14	15.5	13.1	11.0	34.4	29.1	26.3	24.7	20.9	18.5
15-19	84.9	84.2	74.5	202.3	187.2	169.7	142.2	134.5	120.9
20-24	90.6	90.4	82.5	106.2	102.1	93.5	98.3	96.2	88.0
25-34	96.8	98.2	93.4	102.0	93.8	93.6	99.4	96.0	93.5
35-44	74.4	78.0	81.7	95.0	94.1	87.7	84.7	86.1	84.7
45-54	37.5	34.8	39.8	67.5	61.8	64.3	52.4	48.2	52.0
55-64	24.6	25.0	21.7	38.3	35.7	42.7	31.6	30.4	32.3
65+	32.8	26.2	27.6	45.9	42.2	38.2	40.4	35.5	33.8
Total	55.9	54.8	53.3	77.9	72.2	69.2	67.0	63.6	61.3
				Dru	g psychos	es.			
0-14		0.1	0.2	-	a bayonos			0.0	0.1
15-19	6.1	5.6	6.9	1.7	1.2	1.7	4.0	3.4	4.4
20-24	4.4	4.5	9.9	1.2	3.0	4.0	2.8	3.8	7.0
25-34	5.2	6.2	8.7	1.7	3.5	4.3	3.5	4.8	6.5
35-44	4.1	4.8	4.7	3.3	3.9	4.5	3.7	4.4	4.6
45-54	2.8	2.0	4.9	3.2	3.4	4.6	3.0	2.7	4.7
55-64	2.0	2.8	2.6	2.8	3.4	3.0	2.4	3.1	2.8
65+	3.4	3.3	3.9	5.8	6.5	4.3	4.8	5.2	4.1
Total	3.2	3.5	4.8	2.4	3.1	3.2	2.8	3.3	4.0
					g depende				
0-14	0.3	-	-	0.5	0.5	0.5	0.4	0.2	0.2
15-19	5.2	9.7	8.3	2.3	3.2	3.2	3.8	6.5	5.8
20-24	12.8	14.6	13.1	8.5	6.8	8.6	10.6	10.8	10.9
25-34	25.1	24.3	23.8	15.4	13.0	15.5	20.3	18.7	19.7
35-44	15.5	17.3	20.7	10.0	10.1	12.7	12.7	13.7	16.7
45-54	5.7	6.7	7.6	7.9	8.3	7.4	6.8	7.5	7.5
55-64	1.1	2.6	1.5	3.2	5.3	4.1	2.2	4.0	2.8
65+	1.8	1.5	2.7	3.4	2.6	3.0	2.7	2.2	2.9
Total	9.5	10.2	10.5	6.8	6.4	7.3	8.2	8.3	8.9
						£ .1			
				Nondepen			0.2	0.5	0.6
0-14	0.1	0.5	0.4	0.5	0.5	0.8	0.3	4.7	6.8
15-19	5.2	5.6	8.1	7.0	3.8	5.5	6.1	7.8	6.5
20-24	11.8	11.9	8.4	3.7	3.5	4.6	7.8	7.6	7.6
25-34	11.6	9.5	9.8	8.7	5.1	5.5	10.2	5.8	5.3
35-44	7.4	8.1	7.2	6.4	3.6	3.3	6.9	1.2	1.9
45-54	2.5	0.8	1.8	3.1	1.5	2.0	2.8		1.9
55-64	1.5	2.0	1.5	1.5	1.1	0.9	1.5	1.5	1.4
65+	2.0	1.0	0.6	2.3	2.4	1.9	2.2	1.8	
Total	5.3	4.8	4.6	4.2	2.6	2.9	4.7	3.7	3.8

Table 4.2 Primary drug-related hospital separations by age and sex, rate per 100,000 population, Ontario, 1991-92 to 1993-94 - Concluded

Age		Male			Female			Total				
- 3-	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94			
							s or antirheumatics					
0-14	7.2	6.2	5.0	22.7	18.4	16.9	14.8	12.1	10.8			
15-19	45.5	40.9	31.4	151.3	136.5	124.5	97.1	87.5	76.8			
20-24	34.4	29.7	28.8	51.1	51.3	45.8	42.7	40.4	37.2			
25-34	19.7	21.3	17.7	28.4	25.7	25.2	24.0	23.5	21.4			
35-44	13.0	13.8	12.5	21.7	22.1	20.3	17.4	18.0	16.4			
45-54	6.6	7.4	7.2	15.4	12.2	13.4	11.0	9.8	10.3			
55-64	4.4	6.1	4.8	11.6	6.8	11.5	8.0	6.5	8.2			
65+	7.8	6.9	6.2	11.1	11.3	10.5	9.7	9.5	8.7			
Total	15.1	14.6	12.5	30.8	27.6	26.2	23.0	21.2	19.4			
	Poisoning by sedatives and hypnotics											
0-14	0.9	0.5	0.7	2.1	1.7	1.1	1.5	1.1	0.9			
15-19	3.9	3.6	1.4	4.9	6.1	3.5	4.4	4.8	2.4			
20-24	5.2	4.5	3.7	7.7	6.6	3.5	6.4	5.5	3.6			
25-34	7.2	5.2	5.5	8.1	6.4	6.0	7.7	5.8	5.8			
35-44	6.5	6.3	7.3	8.9	8.4	5.7	7.7	7.4	6.5			
45-54	3.6	2.7	2.9	6.6	5.1	4.4	5.1	3.9	3.6			
55-64	3.3	1.5	3.1	3.9	3.2	3.0	3.6	2.4	3.0			
65+	3.4	4.6	2.7	6.3	4.0	3.5	5.1	4.3	3.1			
Total	4.3	3.6	3.6	6.1	5.0	3.9	5.2	4.3	3.7			
			,									
				Poisoning b								
0-14	7.0	6.0	4.9	8.2	7.8	6.7	15.2	13.8	11.6			
15-19	6.4	6.3	6.1	11.2	11.5	9.9	17.5	17.8	aa.1.15.9			
20-24	8.3	9.4	6.9	12.5	11.2	9.9	20.8	20.6	16.8			
25-34	25.2	28.4	25.1	35.1	35.3	32.7	60.4	63.7	57.8			
35-44	21.0	21.2	22.4	34.2	35.7	31.9	55.2	56.9	54.3			
45-54	8.5	8.3	8.5	16.0	17.0	17.7	24.5	25.3	26.2			
55-64	5.2	4.1	3.4	6.6	6.8	8.8	11.8	11.0	12.2			
65+	6,6	4.2	5.5	11.0	10.2	10.0	17.6	14.5	15.5			
Total	88.2	87.9	82.8	134.8	135.6	127.4	223.0	223.6	210.3			

<sup>&</sup>lt;sup>1</sup> For medical conditions included under each diagnostic category, see Technical Notes.

Table 4.3 Secondary drug-related hospital separations by age and sex, Ontario, 1991-92 to 1993-94

Age		Male			Female			Total				
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94			
								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
			Т	otal drug-rela	ted hospit	al separati	ons					
0-14	43	27	38	93	124	140	136	151	178			
15-19	214	236	232	376	457	468	590	693	700			
20-24	353	284	286	389	427	388	742	711	674			
25-34	964	988	993	1,079	1,092	1,078	2,043	2,080	2,071			
35-44	695	766	794	860	929	933	1,555	1,695	1,727			
45-54	386	412	421	425	522	551	811	934	972			
55-64	327	440	343	372	434	409	699	874	752			
65+	513	608	550	789	849	801	1,302	1,457	1,351			
Unknown	1	_			_		1	-	-			
Total	3,496	3,761	3,657	4,383	4,834	4,768	7,879	8,595	8,425			
				Dru	g psychos	es						
0-14	5	1	2	1	1	4	6	2	6			
15-19	3	5	4	-	4	2	3	9	6			
20-24	4	11	15	2	7	5	6	18	20			
25-34	30	31	25	26	19	26	56	50	51			
35-44	19	27	27	29	32	36	48	59	63			
45-54	12	16	22	24	21	27	36	37	49			
55-64	19	38	21	28	28	33	47	66	54			
65+	51	52	60	92	83	122	143	135	182			
Unknown	-	_	-	_	-	-	-	-	-			
Total	143	181	176	202	195	255	345	376	431			
				Drug	g depende							
0-14	7	2	4	5	8	13	12	10	17			
15-19	26	45	36	30	34	40	56	79	76			
20-24	71	55	72	76	60	73	147	115	145			
25-34	258	288	296	219	257	237	477	545	533			
35-44	192	194	209	202	181	185	394	375	394			
45-54	54	69	75	71	80	85	125	149	160			
55-64	38	47	40	65	86	83	103	133	123			
65+	56	66	60	115	129	134	171	195	194			
Unknown	1	-		-	-	-	1	-	-			
_Total	703	766	792	783	835	850	1,486	1,601	1,642			
					dent abuse		40	20	27			
0-14	1	6	4	9	23	23	10	29	27			
15-19	78	62	90	63	71	74	141	133	164			
20-24	144	126	104	112	124	92	256	250	196			
25-34	385	366	372	337	306	303	722	672	675			
35-44	279	321	306	175	210	219	454	531	525			
45-54	190	213	214	102	164	167	292	377	381			
55-64	180	252	189	142	166	148	322	418	337			
65+	196	310	256	193	284	244	389	594	500			
Unknown	-	-		-	-	-	-					
Total	1,453	1,656	1,535	1,133	1,348	1,270	2,586	3,004	2,805			

Table 4.3 Secondary drug-related hospital separations by age and sex,
Ontario, 1991/92 to 1993/94 - Concluded

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
			Dainaniu			otion on	tinh aumatin		
0.44	24	40		g by analgesic	s, antipyr 70	etics or an 80	tirneumatics 80	80	97
0-14	21 68	10	17 61	59 1 <b>98</b>	243	257	266	313	318
15-19 20-24	49	70 41	38	105	111	91	154	152	129
25-34	102	99	95	105	176	175	273	275	270
35-44	68	69	69	136	123	146	204	192	215
45-54	37	33	35	59	74	78	96	107	113
55-64	47	50	43	48	55	43	95	107	86
65+	92	94	83	46 - 183	149	128	275	243	211
Unknown	10 10 0 July <b>52</b>	34	1 1 03 C		143	120	.215	240	
Total	484	466	441	959	1,001	998	1,443	1,467	1,439
			F	Poisoning by	sedatives	and hypno			
0-14	2	2	1	7	7	1	. 9	9	2
15-19	9	7	4	18	17	16	27	24	20
20-24	16	9	. 5	19	24	22	35	33	27
25-34	30	23	33	44	49	55	74	72	88
35-44	21	22	34	52	49	54	73	71	88
45-54	25	14	3000-11	.33	29	29	58	43	40
55-64	9	13	9	20	15	16	29	28	25
65+	33.	18	20	41	29	31	49 48 941 <b>74</b>	47	51
Unknown		-	-	-		-	-	-	
Total	145	108	117	234	219	224	379	327	341
				Poisoning b	v psychoti	ropic agen	ts		
0-14	7	6	10	12	15	19	19	21	29
15-19	30	47	37	67	88	79	97	135	116
20-24	69	42	52	75	101	105	144	143	157
25-34	159	181	172	282	285	282	441	466	454
35-44	116	133	149	266	334	293	382	467	442
45-54	68	67	64	136	154	165	204	221	229
55-64	34	40	41	69	84	86	103	124	127
65+	85	68	71	165	175	142	250	243	213
Unknown	-		-	-	-	-			
Total	568	584	596	1,072	1,236	1,171	1,640	1,820	1,767

<sup>&</sup>lt;sup>1</sup> For medical conditions included under each diagnostic category, see Technical Notes.

Table 4.4 Secondary drug-related hospital separations by age and sex, rate per 100,000 population, Ontario, 1991/92 to 1993/94

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
				tal drug-rela					
0-14	4.0	2.4	3.4	9.0	11.8	13.3	6.4	7.0	8.3
15-19	59.0	65.6	64.5	109.0	133.3	136.5	83.4	98.6	99.6
20-24	86.7	70.4	70.9	97.0	107.9	98.1	91.8	89.0	84.4
25-34	98.3	101.4	101.9	112.3	114.5	113.0	105.2	107.9	107.4
35-44	84.7	92.2	95.5	103.7	110.3	110.8	94.3	101.3	103.2
45-54	68.5	69.2	70.8	76.3	88.4	93.3	72.4	78.8	82.0
55-64	71.9	96.3	75.1	79.7	92.7	87.3	75.8	94.5	81.3
65+	102.5	117.2	106.1	112.4	117.4	110.9	108.3	117.3	108.9
Total	67.6	71.7	69.8	82.7	90.1	88.8	75.2	81.0	79.4
				Dru	g psychos	200			
0-14	0.5	0.1	0.2	0.1	g psychos 0.1	0.4	0.3	0.1	0.3
15-19	0.8	1.4	1.1	-	1.2	0.6	0.4	1.3	0.9
20-24	1.0	2.7	3.7	0.5	1.8	1.3	0.7	2.3	2.5
25-34	3.1	3.2	2.6	2.7	2.0	2.7	2.9	2.6	2.6
35-44	2.3	3.2	3.2	3.5	3.8	4.3	2.9	3.5	3.8
45-54	2.1	2.7	3.7	4.3	3.6	4.6	3,2	3.1	4.1
55-64	4.2	8.3	4.6	6.0	6.0	7.0	5.1	7.1	5.8
65+	10.2	10.0	11.6	13.1	11.5	16.9	11.9	10.9	14.7
Total	2.8	3.5	3.4	3.8	3.6	4.8	3.3	3.5	4.1
				_					
				_	depende				
0-14	0.6	0.2	0.4	0.5	0.8	1.2	0.6	0.5	0.8
15-19	7.2	12.5	10.0	8.7	9.9	11.7	7.9	11.2	10.8
20-24	17.4	13.6	17.8	18.9	15.2	18.5	18.2	14.4	18.1
25-34	26.3	29.6	30.4	22.8	26.9	24.8	24.6	28.3	27.6
35-44	23.4	23.3	25.1	24.3	21.5	22.0	23.9	22.4	23.6
45-54	9.6	11.6	12.6	12.7	13.5	14.4	11.2	12.6	13.5
55-64	8.4	10.3	8.8	13.9	18.4	17.7	11.2	14.4	13.3
65+	11.2	12.7	11.6	16.4	17.8	18.5	14.2	15.7	15.6
Total	13.6	14.6	15.1	14.8	15.6	15.8	14.2	15.1	15.5
				Nondepend	dent abuse	of drugs			
0-14	0.1	0.5	0.4	0.9	2.2	2.2	0.5	1.3	1.3
15-19	21.5	17.2	25.0	18.3	20.7	21.6	19.9	18.9	23.3
20-24	35.4	31.2	25.8	27.9	31.3	23.3	31.7	31.3	24.5
25-34	39.3	37.6	38.2	35.1	32.1	31.8	37.2	34.8	35.0
35-44	34.0	38.6	36.8	21.1	24.9	26.0	27.5	31.7	31.4
45-54	33.7	35.8	36.0	18.3	27.8	28.3	26.1	31.8	32.1
55-64	39.6	55.2	41.4	30.4	35.4	31.6	34.9	45.2	36.4
65+	39.2	59.8	49.4	27.5	39.3	33.8	32.3	47.8	40.3
Total	28.1	31.6	29.3	21.4	25.1	23.7	24.7	28.3	26.4
IUIAI	۷٥. ا	31.0	23.3	41.7	2011				

Table 4.4 Secondary drug-related hospital separations by age and sex, rate per 100,000 population, Ontario, 1991/92 to 1993/94 - Concluded

Age		Male			Female			Total	
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
				by analgesic					
0-14	1.9	0.9	1.5	5.7	6.7	7.6	3.8	3.7	4.5
15-19	18.8	19.5	16.9	57.4	70.9	74.9	37.6	44.5	45.2
20-24	12.0	10.2	9.4	26.2	28.1	23.0	19.0	19.0	16.1
25-34	10.4	10.2	9.8	17.8	18.5	18.3	14.1	14.3	14.0
35-44	8.3	8.3	8.3	16.4	14.6	17.3	12.4	11.5	12.9
45-54	6.6	5.5	5.9	10.6	12.5	13.2	8.6	9.0	9.5
55-64	10.3	10.9	9.4	10.3	11.7	9.2	10.3	11.3	9.3
65+	18.4	18.1	16.0	26.1	20.6	17.7	22.9	19:6	17.0
Total	9.4	8.9	8.4	18.1	18.6	18.6	13.8	13.8	13.6
				oisoning by s					
0-14	0.2	0.2	0.1	0.7	0.7	0.1	0.4	0.4	0.1
15-19	2.5	1.9	1.1	5.2	5.0	4.7	3.8	3.4	2.8
20-24	3.9	2.2	1.2	4.7	6.1	5.6	4.3	4.1	3.4
25-34	3.1	2.4	3.4	4.6	5.1	5.8	3.8	3.7	4.6
35-44	2.6	2.6	4.1	6.3	5.8	6.4	4.4	4.2	5.3
45-54	4.4	2.4	1.8	5.9	4.9	4.9	5.2	3.6	3.4
55-64	2.0	2.8	2.0	4.3	3.2	3.4	3.1	3.0	2.7
65+	6.6	3.5	3.9	5.8	4.0	4.3	6.2	3.8	4.1
Total	2.8	2.1	2.2	4.4	4.1	4.2	3.6	3.1	3.2
				Poisoning by					
0-14	0.6	0.6	0.9	1.1	1.4	1.8	1.8	1.9	2.7
15-19	2.8	4.3	3.4	6.2	8.1	7.3	8.9	12.4	10.7
20-24	6.4	3.9	4.8	6.9	9.3	9.7	13.3	13.2	14.5
25-34	14.7	16.7	15.8	26.0	26.3	26.0	40.6	42.9	41.8
35-44	10.7	12.3	13.7	24.5	30.8	27.0	35.2	43.0	40.7
45-54	6.3	6.2	5.9	12.5	14.2	15.2	18.8	20.4	21.1
55-64	3.1	3.7	3.8	6.4	7.7	7.9	9.5	11.4	11.7
65+	7.8	6.3	6.5	15.2	16.1	13.1	23.0	22.4	19.6
Total	11.0	11.3	11.5	20.7	23.9	22.6	31.7	35.2	34.2

<sup>&</sup>lt;sup>1</sup> For medical conditions included under each diagnostic category, see Technical Notes.

Table 4.5 Drug-related deaths1, according to nature of condition2 by sex, Ontario, 1986 to 1992

			Males				
	1986	1987	1988	1989	1990	1991	1992
MENTAL DISORDERS							
Drug Psychoses	_			1	_		
Drug Dependence Syndrome	1	2	1	1	5	5	7
Nondependent Abuse of Drugs3	3	3	5	1	2	4	10
POISONING BY DRUGS, MEDICAMENTS AND							
BIOLOGICAL SUBSTANCES							
Analgesics, Antipyretics and Antirheumatics							
Opiates and Related Narcotics	11	15	13	17	15	19	32
Salicylates	10	5	8	5	2	9	1
Other	5	6	6	10	8	10	12
Sedatives and Hypnotics							
Barbiturates	9	10	7	6	2	9	4
Chloral Hydrate Group	1	-	2	4	-	-	3
Methaqualone Compounds	-	-	1	-	-	-	-
Other	2	2	5	1	2	2	1
Psychotropic Agents							
Antidepressants	20	22	23	23	18	18	26
Phenothiazine Tranquillizers	-	2		-	2	1	1
Benzodiazepine Tranquillizers	2	4	4	6	7	5	3
Other Tranquillizers	-	3	-	-	-	1	-
Other	4	2	4	4	2	3	-
TOTAL MALES	68	76	79	79	65	86	100

				Females			
	1986	1987	1988	1989	1990	1991	1992
MENTAL DISORDERS							
Drug Psychoses	-	_	-	_	-	_	_
Drug Dependence Syndrome	1	_	-	-	2	1	2
Nondependent Abuse of Drugs3	1	2	4	2	2	-	4
POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES							
Analgesics, Antipyretics and Antirheumatics							
Opiates and Related Narcotics	4	4	4	3	5	5	9
Salicylates	11	11	7	10	7	5	7
Other	12	10	16	7	8	14	11
Sedatives and Hypnotics							
Barbiturates	10	12	4	9	5	6	5
Chloral Hydrate Group	1	1	1	-	-	1	-
Methaqualone Compounds	-	-	-	-	-	-	-
Other	2	2	3	7	2	1	4
Psychotropic Agents							
Antidepressants	22	20	24	36	24	13	16
Phenothiazine Tranquillizers	-	1	1	3	1	3	-
Benzodiazepine Tranquillizers	3	1	3	2	1	-	-
Other Tranquillizers	3	3	-	-	1	1	-
Other	2	4	1	1	-	6	4
TOTAL FEMALES	72	71	68	80	58	56	62

Table 4.5 Drug-related deaths1, according to nature of condition2 by sex, Ontario, 1986 to 1992 - Concluded

				Total			
	1986	1987	1988	1989	1990	1991	199
MENTAL DISORDERS							
Drug Psychoses		_	-	1	-		
Drug Dependence Syndrome	2	2	4 11	1	.eer. j. 10 j. <b>7</b> .		A badawa u
Nondependent Abuse of Drugss	4	5	9	3	4	4	1
POISONING BY DRUGS, MEDICAMENTS AND							
BIOLOGICAL SUBSTANCES							
Analgesics, Antipyretics and Antirheumatics							
Opiates and Related Narcotics	15		17				
Salicylates (1) 4 (3) 11 12 13 14 14 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	21	16	15	15	9	14	
Other	17	16	22				
Sedatives and Hypnotics							
Barbiturates	19	22	11	15	7	15	
Chloral Hydrate Group	- 2	1.1	3	4	5 Jan 5		
Methaqualone Compounds	-	-	1	-			
Other design to the second sec	4	4	8	8	4		
Psychotropic Agents							
Antidepressants	42	42	47		42		4:
Phenothiazine Tranquillizers	-	3	1	3	·: : : . 3		
Benzodiazepine Tranquillizers	5	5	7	8	8	5	
Other Tranquillizers	3	6			1. 11	2	
Other	6	6	5	5	2	9	4
TOTAL	140	147	147	159	123	142	16:

<sup>&</sup>lt;sup>1</sup> For medical conditions included under each diagnostic category, see Technical Notes.

Source: Statistics Canada, Causes of Death - Vital Statistics Volume IV 1986 (Ottawa: Statistics Canada, Catalogue No. 84- 203, 1988); Statistics Canada, Health Reports Supplement, Volume 1. No. 1 - Causes of Death, 1987 (Ottawa: Statistics Canada, Catalogue No. 82-003s, 1989); Statistics Canada, Health Reports, Supplement No. 11, 1990, Volume 2, No. 1 - Causes of Death, 1988 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1990); Statistics Canada, Health Reports Supplement No. 11, 1991, Volume 3, No. 1 - Causes of Death, 1989 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1991); Statistics Canada, Catalogue No. 82-003S, 1992); Statistics Canada, Causes of Death, 1991 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1993); Statistics Canada, Causes of Death, 1992 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1994).

The data presented above are not additive with those in Table 4.6 as there is some overlap in deaths reported, due to the different method used in each case, for classifying the data within categories. Although in both cases "underlying cause of death" is the main criterion for assignment to a category, in Table 4.5 deaths are classified according to <u>nature of injury</u>, whereas in Table 4.6, <u>external cause</u> is employed.

<sup>&</sup>lt;sup>3</sup> Excluding alcohol.

Table 4.6 Drug-related deaths1, according to external cause2 by sex,
Ontario, 1986 to 1992

	Males								
	1986	1987	1988	1989	1990	1991	1992		
ACCIDENTAL POISONING BY DRUGG									
ACCIDENTAL POISONING BY DRUGS,									
MEDICAMENTS AND BIOLOGICALS:									
Analgesics, Antipyretics and Antirheumatics	_	40							
Opiates and Related Narcotics	5	13	9	14	13	19	23		
Salicylates	1	-	3	1	2	4	-		
Other	3	1	4	2	3	3	5		
Sedatives and Hypnotics									
Barbiturates	2	4	1	2	-	2	1		
Chloral Hydrate Group	-	_		1		_	1		
Methaqualone Compounds	-	-	1	-	-	-	-		
Sedatives and Hypnotics - Other	-	1	3	•	1	•	-		
Psychotropic Agents									
Antidepressants	1	3	-	4	5	6	9		
Phenothiazine Tranquillizers	-	2			1		-		
Benzodiazepine Tranquillizers	1	2	1	2	4	2	1		
Other Tranquillizers and Psychotropic Agents	1	1	1	•		1	-		
SUICIDE AND SELF-INFLICTED INJURY POISONING BY:									
Analgesics, Antipyretics and Antirheumatics	15	12	10	13	7	9	12		
Sedatives and Hypnotics - Barbiturates	. 7	4	5	5	2	7	3		
Sedatives and Hypnotics - Other	3	1	3	2	1	2	3		
Psychotropic Agents - Tranquillizers and Other									
Psychotropic Agents	22	22	26	23	17	17	17		
INJURY UNDETERMINED, ACCIDENTALLY OR									
PURPOSELY INFLICTED POISONING BY:	0		4	2	1	2	5		
Analgesics, Antipyretics and Antirheumatics	2	-	1	2	'	2	٦		
Sedatives and Hypnotics - Barbiturates	-	2	· ·	2	•	~			
Sedatives and Hypnotics - Other	-	-	1	2	-	-			
Psychotropic Agents - Tranquillizers and Other		•	2	2	2		3		
Psychotropic Agents	~	3	2	3	2		3		
TOTAL MALES	63	71	72	76	59	74	83		
TOTAL WALLS									

Table 4.6 Drug-related Deaths1, according to external cause2 by sex, Ontario, 1986 to 1992 - Continued

				Female	S		
	1986	1987	1988	1989	1990	199	199
ACCIDENTAL POISONING BY DRUGS,							
MEDICAMENTS AND BIOLOGICALS:							
Analgesics, Antipyretics and Antirheumatics							
Opiates and Related Narcotics	4	1	1		- 2	2 4	1
Salicylates	2	3	2 14 mg 11 <b>2</b>		1 5	3	2 a radii e r
Other	4	4	5		- 1	4	1
Sedatives and Hypnotics							
Barbiturates	2	-	_			. '	
Chloral Hydrate Group	10 to \$2.0					ri, retors veidi tar	-
Methaqualone Compounds	-		-			•	-
Sedatives and Hypnotics - Other		uggan in			h-phind		
Psychotropic Agents							
Antidepressants	1	1	4		5 3	3 4	1
Phenothiazine Tranquillizers	, **	\$ EE 918			2	· · · · · · · · · · · · · · · · · · ·	
Benzodiazepine Tranquillizers	1	-	1				
Other Tranquillizers and Psychotropic Agents	<b>1</b>		i <sub>v</sub> - *-		•	rimeni i	1
SUICIDE AND SELF-INFLICTED INJURY POISONING BY:							
Analgesics, Antipyretics and Antirheumatics	14	14	16	14	1 10	) 14	,
Sedatives and Hypnotics - Barbiturates				-	l 10		*
Sedatives and Hypnotics - Other	3	3					
Psychotropic Agents - Tranquillizers and Other						on end an el	err Werger
Psychotropic Agents - Franquilizers and Other	25	24				16	<b>)</b>
1 Sychotropic Agents	20	- 4-3g - <b>24</b>	. 9 23	30	2,3	(m)	
INJURY UNDETERMINED, ACCIDENTALLY OR PURPOSELY INFLICTED POISONING BY:							
Analgesics, Antipyretics and Antirheumatics	3	3	2	2	2 1		
Sedatives and Hypnotics - Barbiturates	5.00 <b>1</b> .0	2					
Sedatives and Hypnotics - Other	-	-	1	3	3 1		
Psychotropic Agents - Tranquillizers and Other							
Psychotropic Agents	1	2	1				
TOTAL FEMALES	69	68	64	78	53	5 54	

Table 4.6 Drug-related deaths1, according to external cause2 by sex, Ontario, 1986 to 1992 - Concluded

				Total			
	1986	1987	1988	1989	1990	1991	1992
ACCIDENTAL POISONING BY DRUGS.							
MEDICAMENTS AND BIOLOGICALS:							
Analgesics, Antipyretics and Antirheumatics							
Opiates and Related Narcotics	9	14	10	14	15	23	28
Salicylates	3	3	5	5	7	6	3
Other	7	5	9	2	4	7	11
Sedatives and Hypnotics			_	_	•	,	' '
Barbiturates	4	4	1	3	_	3	1
Chloral Hydrate Group	-	_	-	1	_	-	1
Methaqualone Compounds	-	-	1	_	_	_	
Sedatives and Hypnotics - Other	-	1	3	1	2	1	
Psychotropic Agents					_	•	
Antidepressants	2	4	4	9	8	10	13
Phenothiazine Tranquillizers	-	2	-	2	1	1	
Benzodiazepine Tranquillizers	2	2	2	3	4	2	1
Other Tranquillizers and Psychotropic Agents	2	2	1	•	-	2	-
SUICIDE AND SELF-INFLICTED INJURY							
POISONING BY:							
Analgesics, Antipyretics and Antirheumatics	29	26	26	27	17	23	21
Sedatives and Hypnotics - Barbiturates	14	14	9	11	7	11	8
Sedatives and Hypnotics - Other	6	4	7	5	1	3	7
Psychotropic Agents - Tranquillizers and Other		·				Ü	· ·
Psychotropic Agents	47	46	49	56	40	33	33
INJURY UNDETERMINED, ACCIDENTALLY OR							
PURPOSELY INFLICTED POISONING BY:							
Analgesics, Antipyretics and Antirheumatics	5	3	3	4	2	2	9
Sedatives and Hypnotics - Barbiturates	1	4	1	2	_	1	ĭ
Sedatives and Hypnotics - Other	<u>'</u>	-	2	5	1	-	
Psychotropic Agents - Tranquillizers and Other			_		,		
Psychotropic Agents	1	5	3	4	3	-	3
TOTAL	132	139	136	154	112	128	139

For medical conditions included under each diagnostic category, see the Technical Notes.

Source: Statistics Canada, Causes of Death - Vital Statistics Volume IV 1986 (Ottawa: Statistics Canada, Catalogue No. 84- 203, 1988); Statistics Canada, Health Reports Supplement. Volume 1, No. 1 - Causes of Death. 1987 (Ottawa: Statistics Canada, Catalogue No. 82-003s, 1989); Statistics Canada, Health Reports. Supplement No. 11, 1990, Volume 2, No. 1 - Causes of Death. 1988 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1990); Statistics Canada, Health Reports Supplement No. 11, 1991, Volume 3. No. 1 - Causes of Death. 1989 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1991); Statistics Canada, Health Reports. Supplement No. 12, 1991, Volume 3, No. 1 - Causes of Death. 1990 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1993); Statistics Canada, Causes of Death. 1991 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1993); Statistics Canada, Causes of Death. 1992 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1994).

The data presented above are not additive with those in Table 4.5 as there is some overlap in deaths reported, due to the different method used in each case, for classifying the data within categories. Although in both cases "underlying cause of death" is the main criterion for assignment to a category, in Table 4.5 deaths are classified according to <u>nature of injury</u>, whereas in Table 4.6, <u>external cause</u> is employed.

Table 4.7 Number of drug-related offences and persons charged, Ontario, 1985 to 1993

				Number of	drug-rela	ted offence	es		
	1985	1986	1987	1988	1989	1990	1991	1992	1993
Narcotic Control Act									
Cannabis	14,309	14,092	15,673	14,990	15,691	14,509	11,083	10,275	10,968
Cocaine	1,825	2,384	3,280	4,992	7,516	5,922	7,762	4,967	4,542
Heroin	273	347	269	410	425	515	604	434	621
Other	2,344	1,555	2,527	1,631	2,713	1,921	1,014	861	830
Total	18,751	18,378	21,749	22,023	26,345	22,867	20,463	16,537	16,961
Food and Drugs Act									
Controlled Drugs	390	325	244	316	225	192	111	323	266
Restricted Drugs	662	619	861	590	673	473	456	464	379
Total	1,052	944	1,105	906	898	665	567	787	645
Total	19,803	19,322	22,854	22,929	27,243	23,532	21,030	17,324	17,606

			Juvenile of	ffendersı i	nvolved ir	drug-relate	ed offences	_	
	1985	1986	1987	1988	1989	1990	1991	1992	1993
Narcotic Control Act									
Cannabis	n.a.	1,591	1,173	1,216	1,323	1,175	661	590	775
Cocaine	n.a.	32	35	65	128	119	223	217	185
Heroin	n.a.	4	2	8	2	3	0	15	33
Other	n.a.	114	30	26	153	21	14	36	38
Total	n.a.	1,741	1,240	1,315	1,606	1,318	898	858	1,031
Food and Drugs Act									
Controlled Drugs	n.a.	11	7	3	12	3	10	2	3
Restricted Drugs	n.a.	84	85	53	59	62	64	45	66
Total	n.a.	95	92	56	71	65	74	47	69
Total	n.a.	1,836	1,332	1,371	1,677	1,383	972	905	1,100

				Number o	f adult mal	es charged	1		
	1985	1986	1987	1988	1989	1990	1991	1992	1993
Narcotic Control Act									
Cannabis	9,201	8,885	9,642	9,864	10,705	10,648	7,696	7,832	7,559
Cocaine	899	1,259	1,727	2,574	4,008	3,395	3,874	4,040	3,656
Heroin	102	150	133	166	215	246	259	307	501
Other	228	202	227	220	297	304	170	410	382
Total	10,430	10,496	11,729	12,824	15,225	14,593	11,999	12,589	12,098
Food and Drugs Act									
Controlled Drugs	136	139	101	84	79	57	37	61	62
Restricted Drugs	379	396	501	335	391	295	285	290	203
Total	515	535	602	419	470	352	322	351	265
Total	10,945	11,031	12,331	13,243	15,695	14,945	12,321	12,940	12,363

Table 4.7 Number of drug-related offences and persons charged, Ontario, 1985 to 1992 - Concluded

		Number of adult females charged									
	1985	1986	1987	1988	1989	1990	1991	1992	1993		
Narcotic Control Act											
Cannabis	938	1,068	1,165	1,104	1,516	1,396	1,165	1,401	1,364		
Cocaine	160	279	326	572	830	622	729	764	825		
Heroin	27	32	29	37	48	67	59	71	82		
Other	56	39	72	49	52	70	33	89	62		
Total	1,181	1,418	1,592	1,762	2,446	2,155	1,986	2,325	2,333		
Food and Drugs Act											
Controlled Drugs	31	34	27	14	17	12	13	29	14		
Restricted Drugs	46	55	72	41	60	44	31	33	24		
Total	77	89	99	55	77	56	44	62	38		
Total	1,258	1,507	1,691	1,817	2,523	2,211	2,030	2,387	2,371		

				Total num	ber of adu	Its charge	d		
	1985	1986	1987	1988	1989	1990	1991	1992	1993
Narcotic Control Act									
Cannabis	10,139	9,953	10,807	10,968	12,221	12,044	8,861	9,233	8,923
Cocaine	1,059	1,538	2,053	3,146	4,838	4,017	4,603	4,804	4,481
Heroin	129	182	162	203	263	313	318	378	583
Other	284	241	299	269	349	374	203	499	444
Total	11,611	11,914	13,321	14,586	17,671	16,748	13,985	14,914	14,431
Food and Drugs Act									
Controlled Drugs	167	173	128	98	96	69	50	90	76
Restricted Drugs	425	451	573	376	451	339	316	323	227
Total	592	624	701	474	547	408	366	413	303
Total	12,203	12,538	14,022	15,060	18,218	17,156	14,351	15,327	14,734

Includes both "juveniles charged" and "juveniles not charged." Data for the years 1984 to 1985, although available, were not included because of changes in definitions (Young Offenders Act was introduced) that occurred during that period.

lote: Changes in the number of drug offences reported by the police may reflect changes in police enforcement practices rather than any real increase or decrease in drug usage among the population.

Source: Statistics Canada, Canadian Crime Statistics 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, and 1993 (Ottawa: Statistics Canada, Catalogue No.85-205, 1986, 1987, 1988, 1990, 1991, 1992, 1993 and 1995, respectively).

Table 4.8 Drug-related convictions under the federal drug acts by age and sex, Ontario, 1991 to 1994

Age	I i and	M	ale			Fer	nale	: .		To	otal	
	1991	1992	1993	1994	1991	1992	1993	1994	1991	1992	1993	1994
					Tota	al Federa	i Drug A	cts				
Under 15	276	255	179	182	30	39	33	29	306	294	212	21
15 - 19	276	255	179	182	30	39	33	29	306	294	212	21
20 - 24	755	751	515	451	95	111	106	73	850	862	621	524
25 - 29	998	800	762	525	162	112	116	129	1,160	912	878	65
30 - 39	1,209	986	882	828	306	270	190	160	1,515	1,256	1,072	988
40 - 49	356	298	255	237	34	83	33	40	390	381	288	27
50 - 59	54	64	35	38	9	4	8	2	63	68	43	40
60 and over	12	3	10	8	2		•		14	3	10	
Unknown	50	38	22	19	11	2	2	4	61	40	24	23
Total	3,719	3,199	2,663	2,295	649	622	488	438	4,368	3,821	3,151	2,73
					Na	arcotic C	ontrol A	ct				
Under 15	7	3	1	6	-	1	-	-	7	4	1	(
15 - 19	196	182	121	111	26	32	30	24	222	214	151	13
20 - 24	648	618	451	391	87	104	103	65	735	722	554	456
25 - 29	922	742	710	493	152	108	113	126	1,074	850	823	619
30 - 39	1,161	945	848	802	296	269	187	153	1,457	1,214	1,035	955
40 - 49	352	294	247	228	33	81	32	39	385	375	279	267
50 - 59	53	61	35	38	9	4	8	2	62	65	43	40
60 and over	10	3 3	8	8.	2		garajaris.	N. j. 🗻	12	3	. 5 8	8
Unknown	43	33	17	17	11	1	1	4	54	34	18	2
Total	3,392	2,881	2,438	2,094	616	600	474	413	4,008	3,481	2,912	2,507
				F	ood and D	rugs Act	t - Contro	olled Dru	gs			
Under 15	-	-	-	-	-	-	-	-	-	~	-	
15 ~ 19				3				garan e 🖭	response from the		Walta Ere	a (
20 - 24	2	4	1	10	-	1	-	-	2	5	1	10
25 - 29		2	5	13						2	5	. 13
30 - 39	-	10	2	4	-	-	-	3	-	10	2	7
40 - 49				6				visiidi-				
50 - 59	-	1	-	-	-	-	-	-	-	1	-	
60 and over		-	1				-				1	
Unknown	1	-	-	-	-	-	-	-	1	-		
Total	3	17	9	36	•	1		3	3	18	9	39
				F	ood and D	rugs Ac	t - Restri	cted Dru	_			
Under 15								1	2	1	2	2
The second secon	2	1	2	1				a salawa mili				
15 - 19	2 80	1 73	2 58	1 68	4	7	3	5	84	80	61	73
The second secon				1 68 50	8	7 6	3 3	5 8	84 113			73 58
15 - 19 20 - 24 25 - 29	80 105 76	73 129 56	58 63 47	50 19	8 10				84 113 86	80 135 60	61 66 50	
15 - 19 20 - 24 25 - 29 30 - 39	80 105	73 129 56 31	58 63	50 19 22	8	6	3	8	84 113 86 58	80 135 60 32	61 66	58
15 - 19 20 - 24 25 - 29 30 - 39 40 - 49	80 105 76	73 129 56	58 63 47	50 19	8 10	6	3 3	8	84 113 86	80 135 60	61 66 50	58 22 28
15 - 19 20 - 24 25 - 29 30 - 39 40 - 49 50 - 59	80 105 76 48	73 129 56 31	58 63 47 32	50 19 22	8 10	6 4 1	3 3	8	84 113 86 58	80 135 60 32	61 66 50 35	58 22 28
15 - 19 20 - 24 25 - 29 30 - 39 40 - 49	80 105 76 48	73 129 56 31 4	58 63 47 32	50 19 22	8 10	6 4 1	3 3	8	84 113 86 58	80 135 60 32 6	61 66 50 35	5) 2: 20
15 - 19 20 - 24 25 - 29 30 - 39 40 - 49 50 - 59	80 105 76 48 4	73 129 56 31 4	58 63 47 32	50 19 22	8 10	6 4 1	3 3	8	84 113 86 58 5	80 135 60 32 6	61 66 50 35	58 22 28

Note: Does not include convictions involving cannabis.

Source: Health and Welfare Canada, Bureau of Dangerous Drugs, Health Protection Branch, Narcotic, Controlled and Restricted Dr. Statistics 1994 (Ottawa: Health and Welfare Canada, unpublished).

Table 4.9 Drug-related convictions under the federal drug acts, by type of drug, Ontario, 1985 to 1994

Type of drug	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
					Narcotic (	Control Ac	t			
Cocaine	786	883	1,212	1,904	2,914	3,435	3,090	2,988	2,620	2,186
Codeine	378	441	509	443	215	264	474	242	39	60
Heroin	111	62	62	107	138	174	209	179	192	215
Hydrocodone	117	74	50	37	5	42	12	15		
Oxycodone	97	36	292	164	77	86	157	25	34	15
Pentazocine	3	9	83	8	31	7	3	2	8	. 5
Phencyclidine	26	11	7	4	7	4	9	9	8	6
Others	50	49	94	21	23	40	54	21	11	20
Total	1,568	1,565	2,309	2,688	3,410	4,052	4,008	3,481	2,912	2,507
				Food an	d Drugs A	ct - Contro	lled Drugs	;		
Amphetamines	1	2	2	5	2	2	-	3		2
Barbiturates	3	47	39	10	2	24		6	1 11	-
Methamphetamin	59	53	41	21	12	15	3	5	3	6
Methylphenidate			2	.: 21	walan e	. 11	e d		1.7 4	-
Others	-	3	5	3	6	5	-	4	4	31
Total	63	106	89	60	22	57	3	18	9	39
				Food an	d Drugs A	ct - Restric	ted Drugs			
L.S.D.	341	315	395	308	284	303	237	234	160	131
M.D.A.	14	3	1	1						
Psilocybin	80	74	138	132	101	107	117	86	66	53
Other	-		4	4		1	3	2	4	3
Total	435	392	538	445	385	411	357	322	230	187

Does not include convictions involving cannabis.

Source: Health and Welfare Canada, Bureau of Dangerous Drugs, Health Protection Branch, Narcotic. Controlled and Restricted Drug

Statistics 1994 (Ottawa: Health and Welfare Canada, undated).

lote:

Table 4.10 Drug-related convictions under the federal drug acts by section, Ontario, 1985 to 1994

Section	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
				Na	arcotic Co	ontrol Ad	et			
Possession	571	651	818	1,172	1,758	1,914	1,523	1,587	1,466	1,382
Trafficking	287	231	320	653	927	1,281	1,356	1,139	1,007	780
Possession for the purpose of										
trafficking	127	127	192	232	397	461	437	447	330	245
Importing	4	. 6	17	11	17	26	47	55	50	43
Multiple Doctoring	579	550	962	620	311	370	645	253	59	56
Total	1,568	1,565	2,309	2,688	3,410	4,052	4,008	3,481	2,912	2,507
			Fo	od and D	rugs Act	- Contro	olled Drug	gs		
Multiple Doctoring	37	35	28	27	11	34	-	3	_	-
Trafficking	26	25	25	13	6	9	2	8	2	8
Possession for the purpose of										
trafficking	-	46	36	20	11	14	1	7	7	31
Total	63	106	89	60	28	57	3	18	9	39
			Fo	od and D	ruas Act	- Restri	cted Drug	ns		
Possession	247	219	298	265	226	208	192	132	120	121
Trafficking	77	75	118		80	105	87	94	54	26
Possession for the purpose of				and the second				26 7		
trafficking	111	98	122	73	79	98	78	96	56	40
Total	435	392	538	445	385	411	357	322	230	187

Note: Does not include convictions involving cannabis.

Source: Health and Welfare Canada, Bureau of Dangerous Drugs, Health Protection Branch, Narcotic. Controlled and Restricted Drug Statistics 1994 (Ottawa: Health and Welfare Canada, undated).

Table 4.11 Number and quantity of drug exhibits seized by drug type and city, Ontario, 1990 to 1994

			Number	r			C	uantity (k	g)	
City	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
						Marijuana				
Ottawa-Hull	150	175	268	230	262	96.7	705.4	246.8	133.1	3,313.5
Oshawa	165	227	298	267	182	340.3	233.0	125.5	45.9	9.9
Toronto	1,345	1,525	2,324	1,872	1,834	500.4	1,515.6	3,699.3	1,726.3	2,285.4
St. Catharines	261	206	253	101	45	482.3	289.1	957.9	749.9	170.8
Hamilton	405	473	628	398	425	848.9	264.9	820.9	339.0	604.8
Kitchener	- 111	195	407	267	302	40.9	145.3	618.0	128.1	445.4
London	154	189	264	281	241	215.3	800.7	1,710.2	829.7	196.6
Windsor	90	197	199	105	58	13.7	90.6	31.5	127.7	65.3
Sudbury	17	31	71	13	1	3.9	134.8	540.8	15.1	0.0
Thunder Bay	85	90	189	164	170	99.0	36.4	110.5	65.4	20.9
Ontario Total	4,074	4,894	7,014	5,381	4,946	5,050.8	10,803.5	21,045.9	13,412.6	23,385.9
						Hashish				
Ottawa-Hull	689	438	400	427	504	19.5	233.5	8.1	12.5	14.5
Oshawa	409	197	118	135	103	5.9	1978 2.1	1.1	1:6	8.0
Toronto	2,951	1,115	743	935	831	414.2	4,713.5	299.6	231.1	141.1
St. Catharines	133	81	24	12	4	3.4	2.8	1.8		0.2
Hamilton	582	341	107	112	111	29.5	6.9	1.9	2.6	1.3
Kitchener	358	147	100	127	123	7,1	2.2	4.8	0.8	1.6
London	205	118	81	87	106	7.4	8.9	1.9	2.9	0.4
Windsor	55	48	19	9	4	13.4	0.7	1.8	1.0	464 254 0.0
Sudbury	176	82	34	, 15	7	34.8	5.1	0.9	1.0	0.1
Thunder Bay	143	20	29	31	46	2.2	1.1	0.8	12.8	1.8
Ontario Total	7,733	3,385	1,992	2,357	2,079	658.4	5,093.4	352.1	292.8	167.2
					Hash	oil and T.H.	.C.			
Ottawa-Hull	9	6	4	3	10	0.22	0.01	0.01	5.74	0.86
Oshawa	253	127	134	156	153	7.44	1.76	4.75	3.57	1.67
Toronto	94	84	143	118	99	42.66	72.79	363.83	335.25	268.19
St. Catharines	13	13	9	4	2	0.10	0.17	0.81	0.01	0.01
Hamilton	55	52	111	49	65	2.63	0.51	21.52	4.23	0.28
Kitchener	24	50	64	41	95	0.61	0.95	0.88	0.39	0.87
London	138	68	29	59	89	1.32	0.38	5.04	5.13	1.43
Windsor	8	3	4	2		0.05	0.04	0.01	0.01	
Sudbury	20	21	13	13	4	0.49	0.94	0.64	0.06	0.42
Thunder Bay	10	18	8	31	77	0.03	0,26	0.02	0.15	2.57
Ontario Total	979	680	748	786	924	62.27	95.08	399.46	1,373.38	475.28

Table 4.11 Number and quantity of drug exhibits seized by drug type and city,
Ontario, 1990 to 1994 - Continued

			Number				Quantity (kg)				
City	1990	1991	1992	1993	1994	1990	1991	1992	1993	199	
						Heroin					
Ottawa-Hull	6	1	4	2	1	0.609	0.001	3.846	0.100	0.00	
Oshawa	-	_	3	2	-		-	0.128	0.004		
Toronto	215	213	243	246	200	18.627	62.030	32.232	45.173	50.5	
St. Catharines	5	20	4	2	3	0.006	0.009	0.029	0.003	0.0	
Hamilton	5	1	5	3	3	0.026	_	0.112	0.002		
Kitchener	4	11	9	3	1	0.019	0.005	0.010	0.029		
London	-	1	1	-	-	_	0.001	0.001	-		
Windsor	_	-	1	-	3	-	-	0.004	-	0.0	
Sudbury		-	-	-	-	-	-	-	-		
Thunder Bay	-	1	-	-	-	-	0.004	_			
Ontario Total	236	255	281	274	231	19.289	65.377	36.393	47.847	53.9	
. 4					Hall	ucinogens					
Ottawa-Hull	25	29	32	23	34	3.467	1.091	0.348	1.390	0.3	
Oshawa	29	31	22	22	17	0.036	0.229	0.375	0.037	0.0	
Toronto	130	91	98	66	77	9.193	0.857	0.630	3.471	12.	
St. Catharines	13	8	6	3	6	0.065	0.009	0.006	0.029	0.	
Hamilton	58	29	70	15	6	1.327	0.119	1.399	0.018	0.0	
Kitchener	15	31	33	21	21	0.168	0.740	0.505	0.162	0.0	
London	16	6	21	20	21	0.256	0.050	0.498	0.241	0.1	
Windsor	4	8	11	15	2	0.133	0.013	0.034	_		
Sudbury	30	12	7	4	**	-	0.087	0.011	0.017		
Thunder Bay	26	13	20	7	21	0.162	0.093	0.068	0.004	0.0	
Ontario Total	474	394	418	318	301	17.585	4.431	5.618	5.278	14.	
					(	Cocaine					
Ottawa-Hull	384	330	371	293	280	10.48	4.77	8.83	10.79	7	
Oshawa	62	101	87	78	141	0.45	1.06	0.98	0.29	0	
Toronto	2,294	2,306	2,455	1,987	1,540	115.24	130.41	196.43	57.35	303	
St. Catharines	103	58	52	28	18	5.27	3.92	1.02	10.63	0	
Hamilton	119	150	162	219	188	3.72	2.55	2.48	1.37	3	
Kitchener	54	79	210	207	194	0.64	0.99	0.89	1.34	0	
London	29	31	70	62	158	1.27	0.55	4.41	0.46	0	
Windsor	29	95	55	39	19	0.63	0.55	0.36	0.31	0	
Sudbury	28	70	21	7	-	1.30	1.03	0.08	0.07		
Thunder Bay	22	31	62	47	38	0.47	1.49	7.12	2.03	0	
Ontario Total	3,289	3,386	3,641	3,011	2,621	144.81	151.66	231.90	91.43	321	

Table 4.11 Number and quantity of drug exhibits seized by drug type and city, Ontario, 1990 to 1994 - Concluded

			Numbe	nieriseus			Pin ji kate <b>C</b>	Quantity (kg)		
City	1990	1991	1992	1993	1994	19	90 1991	1992	1993	1994
Pharmaceuticals										
Ottawa-Hull	23	13	16	27	4	0.1	08 0.266	7.492	0.053	0.011
Oshawa	9	10	- /5° 19	8 8	15 to 15	0.0	0.011	0.427	0.010	0.063
Toronto	125	66	110	67	61	1.0	50 0.960	1.084	0.737	0.705
St. Catharines	12	23	12		1 0 2	0.0	0.063	0.145	0.050	0.001
Hamilton	22	18	10	13	7	0.1	11 0.074	0.060	0.068	0.060
Kitchener	11	13	10	2	11	0.0	79 0.002	0.004	~	0.381
London	-	3	10	18	19		- 0.002	0.014	0.141	0.014
Windsor	3	10.	9	15	in 4.	0.0	0.004	0.015	0.007	0.001
Sudbury	-	2	3	-	-		- 0.001	0.009	-	-
Thunder Bay	5	- 5	4	4	6	0.0	0.012	0.001	0.004	0.120
Ontario Total	252	207	239	201	169	1.9	52 1.593	9.288	1.154	2.579
						Others				
Ottawa-Hull	-	2	-	1	2		- 0.012	-	0.275	2.696
Oshawa	-	-	~	-	m.			-	~	-
Toronto	4	4	5	15	14	0.1	51 0.641	1.461	0.558	2.105
St. Catharines	2		4	1	~	0.0	- 06	0.011	0.015	-
Hamilton	-	-	2	2	2			0.030	0.006	0.004
Kitchener	-	•	3	1	-			0.219	0.002	-
London	-	1	2	4	3		- 0.019	0.012	0.018	0.003
Windsor	2	1	-	1	3	0.0	- 03	-	0.064	0.048
Sudbury	-	-	-	-	-			-	-	-
Thunder Bay	-	-	-	1	-			-	~	-
Ontario Total	13	17	32	43	39	0.2	14 0.729	1.845	1.222	16.904

Source: Health Canada, Bureau of Dangerous Drugs, Health Protection Branch

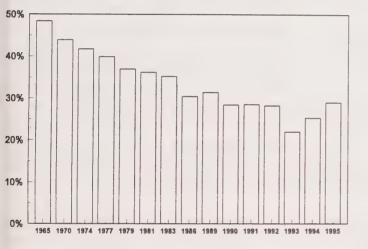
# CHAPTER V THE USE AND ABUSE OF TOBACCO

rigure	Pag	e
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Γables		
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## **CHAPTER V**

# THE USE AND ABUSE OF TOBACCO

Figure 5.1: Prevalence of current cigarette smokers among Ontario adults, 1965 to 1995



After years of significant decline, the rate of smoking in Ontario has started to rise. In 1965, about one-half (48.4%) of Ontario adults aged 15 and over were current smokers. (Current smokers include both daily smokers and occasional smokers.) By 1993, the rate of smoking dropped to 22.0% of Ontario adults aged 18 and over. This decline ended in 1994 when the rate rose to 25.3% and rates increased again in 1995 to 29.0%.

Besides the drop in rates of smoking since the 1960s, the patterns of smoking have also changed. For example, male tobacco use has dropped more dramatically than female tobacco use (see table 5.2). The male rate of smoking dropped from 52.0% in 1965 to 24.6% in 1994,

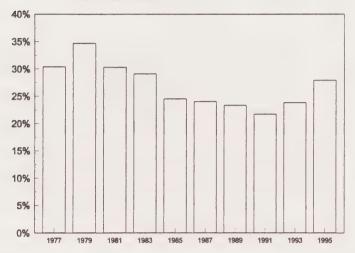
while the female rate dropped from 31.1% to 22.5% during the same period. In terms of education level, the stee of smoking for people with university degrees has dropped significantly more than any other education ategory (24.5% in 1983 to 14.2 % in 1994). Another trend is that as the rate of smoking fell from 1965 to 990, the percentage of current smokers who are heavy smokers (over a pack a day) has risen. (This trend was eversed in 1994 but that may be due to different questions asked in the 1994 survey than previous surveys.)

look at current smoking behaviour (see table 5.3), shows smoking rates steadily decrease with age. In 1994, 4.2% of the 18 to 29 age group reported smoking. This rate declined with age until only 12.4% of the 65 and ver age group were smokers. Comparing 1991 to 1994, smoking rates fell for every age group except the oungest group. The largest drop in smoking rates occurred in the 50 to 64 age group which fell from 31.3% 1991 to 19.1% in 1994.

farital status and education are also significantly related to smoking rates. Married people show the lowest ate of smoking at 22.7%, followed by never-married people at 29.5% and previously married people at 30.7%. Exple with less than a high school education have the highest rate of smoking (33.8%). This falls to 29.8% or those who have completed high school, and 23.3% for people with some college or university education. Exple with a university degree have the lowest rate of smoking (14.2%).

People with low household incomes tend to smoke more than people with high incomes. People with household income of less than \$30,000 have a 34.3% rate of smoking; those earning \$30,000 to \$49,000 smok at a rate of 30.3%; \$50,000 to \$79,000 smoke at a rate of 21.2% and over \$80,000 smoke at a rate of 16.8% In terms of employment status, the unemployed were most likely to smoke (42.3%), while retired people were least likely to smoke (15.8%).

Figure 5.2: Percentage of students reporting cigarette use during the past 12 months, Ontario, 1977 to 1995



Among high school students, 27.9% reported smoking in 1995 (see figure 5.2 and table 5.4). The rate of smoking fell from 34.7% in 1979 to 21.7% in 1991 but has been rising since there. From 1993 to 1995, the female rate of smoking was relatively constant but male smoking increased from 22.5% in 1993 to 28.2% in 1995. This is the first year that the male rate of smoking is higher than the female rate (28.2% for male compared to 27.5% for females).

Smoking is significantly related to the age an grade of high school students. Smoking rates ris from 10.2% for students aged 13 and under the 41.2% for students aged 16 to 17, and from 10.3% for students in Grade 7 to 41.7% for students in Grade 11. Only 20.3% of students in Grade 11.

Metro Toronto smoke compared to 29.6% in the western Ontario and 30.4% in eastern Ontario.

A significant number of smokers in high school are only occasional smokers. In 1995, 30.8% of currer smokers smoked less than one cigarette a day. Most smokers consumed between one and 10 cigarette (47.3%), and only a small number smoked more than 20 cigarettes a day (8.0%). Even though only a small number smoke more than 20 cigarettes a day, the number has increased significantly since 1987 when only 4.3% smoked more than 20 cigarettes a day.

Among the total sample of university students, 39.8% had smoked cigarettes in their lifetime and 25.8% smoked daily during the 12 months before the survey (see table 5.5). Although the rates are very close (26. compared to 24.9), male university students smoke more than female university students. Rates of smokin were lowest among students aged 17 to 19 (21.1%) and increased linearly to a rate of 30% for those aged 2 or older. Grades showed an effect on smoking rates but not when other factors were taken into account. On students with an A average, only 21% were daily smokers. The rate of smoking rose linearly until it reaches 38.1% for students with a D average. Other significant factors were program and place of residence. Students in arts and social science programs were the most likely to smoke (32.6% and 32.1% respectively) whill science students were the least likely to smoke (16.2%); and students who lived off-campus were the most likely to smoke (30.3%) while students living with their parents were the least likely (20.9%).

#### Attitudes towards smoking in public and where to sell cigarettes

Almost nine out of every ten Ontario adults (see table 5.6) believed that smoking in the workplace should be banned except in enclosed, separately ventilated areas. Support was fairly constant over age groups and by smoking status. Even 82% of smokers agreed that workplace smoking should be banned. Support was not as constant when people were asked whether smoking should be allowed in restaurants. Overall, 48% of people hought smoking should be allowed in restaurants. Only 28% of people who never smoked thought smoking in restaurants should be allowed compared to 82% of current smokers. A large majority of people (75%) say that smoking should be allowed in bars.

In terms of where cigarettes should be sold, the majority of respondents felt that places at which tobacco is sold should be reduced (59%) and that cigarettes should not be sold in pharmacies (74%). One-third felt that cigarettes should only be sold in government outlets. Women tended to favour more restrictive policies on where cigarettes are sold. Smokers favoured less restrictive policies.

When asked whether stores should lose their licence for selling cigarettes to people under 19, 82% agreed and support was relatively constant over age group and smoking status. On the question on plain packaging of sigarettes, 65% of respondents were in favour of it. A slight majority (52%) said companies should not be allowed to sponsor sporting or cultural events and an overwhelming majority (95%) felt that tobacco companies should be required to list all ingredients on the cigarette package.

A majority of respondents, 60% felt that parents spending time with small children should not smoke inside the house. Only 36% felt that there should be a law saying parents can't smoke inside their home if children are present. A slim majority (51%) feel there should be a law that says parents can't smoke inside their car.

## Smoking-related mortality

The number of deaths indirectly due to smoking are estimated from the number of deaths due to chronic pronchitis, asthma, emphysema, and 30% of all deaths due to neoplasms, stroke, hypertension and heart lisease. In 1992, approximately 13,710 deaths were indirectly due to smoking in Ontario. This was a rate of 28.0 deaths per 100,000 population. The rates of death have decreased steadily from 143.3 in 1985.

## References

Adlaf E.M., F.J. Ivis, R.G. Smart, and G.W. Walsh, <u>Ontario Student Drug Use Survey</u>, 1977-1995 (Toronto Addiction Research Foundation, 1995).

Adlaf E.M., R.G. Smart, M.D. Canale, and F.J. Ivis, <u>Alcohol and Other Drug Use Among Ontario Adults 1993</u> and <u>1994</u> (Toronto: Addiction Research Foundation, 1991 and 1994, respectively).

Anglin L., <u>The Ontario Experience of Alcohol and Tobacco: New Focus on Accessibility, Violence and Mandatory Treatment - A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1995</u> (Toronto Addiction Research Foundation, 1995).

Bondy S., <u>Attitudes and Experiences with Treatment of Alcohol and Tobacco Problems</u> (Toronto: Addiction Research Foundation, 1994).

Ferris J., L. Templeton, and S. Wong, <u>Alcohol, Tobacco and Marijuana: Use, Norms, Problems and Policy Attitudes among Ontario Adults - A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1992 (Toronto: Addiction Research Foundation, September 1994).</u>

Health and Welfare Canada, <u>Health Promotion Survey: Technical Report</u> (Ottawa: Health and Welfare Canada 1993).

Health and Welfare Canada, <u>Smoking Behaviours of Canadians 1981, 1983, 1986 and 1989</u> (Ottawa: Health and Welfare Canada, Health Services and Promotion Branch, 1983, 1985, 1988, 1992).

Health and Welfare Canada, <u>Smoking Habits of Canadians 1965-1979</u> (Ottawa: Health and Welfare Canada Health Services and Promotion Branch, 1980).

Statistics Canada, <u>Causes of Death - Vital Statistics Volume IV 1986</u> (Ottawa: Statistics Canada, Catalogue No. 84-203, 1988).

Statistics Canada, <u>Causes of Death</u>, <u>1987</u>, <u>1988</u>, <u>1989</u>, and <u>1990</u> (Ottawa: Statistics Canada, Catalogue No. 82-003s, 1989, 1990, 1991, and 1992, respectively).

Statistics Canada, <u>Causes of Death</u>, <u>1991</u> and <u>1992</u> (Ottawa: Statistics Canada, Catalogue No. 84-208, 1993 and 1994 respectively).

Table 5.1 Prevalence of current1 cigarette smokers among adults, Ontario, 1965 to 1995

Year Smokers		Source	Age
1965	48.4%	Labour Force Survey supplement, adjusted	15+
1970	43.9	Labour Force Survey supplement, adjusted	15+
1974	41.7	Labour Force Survey supplement, adjusted	15+
1977	39.9	Labour Force Survey supplement, adjusted	15+
1979	37.0	Labour Force Survey supplement, adjusted	15+
1981	36.2	Labour Force Survey supplement, non-proxy only	15+
1983	35.2	Labour Force Survey supplement, non-proxy only	15+
1986	30.4	Labour Force Survey supplement, non-proxy only	15+
1989	31.4	National Alcohol and Other Drugs Survey	15+
1990	30.4	Ontario Health Survey	15+
1991	28.5	Alcohol and Other Drug Use among Ontario Adults	18+
1992	28.2	Ontario Alcohol and Other Drug Opinion Survey	18+
1993	22.0	Ontario Alcohol and Other Drug Opinion Survey	18+
1994	25.3	Alcohol and Other Drug Use among Ontario Adults	18+
1995	29.0	Ontario Alcohol and Other Drug Opinion Survey	18+

Estimates for 1981, 1983, and 1986 are based on non-proxy data only from the Labour Force Survey supplements (The Smoking Habits of Canadians series). Estimates from this source prior to 1981 use proxy data. There is concern over the use of proxy data and effects this may have on survey results. For further discussion on this issue see: Stephens T. A. Critical Review of Canadian Survey Data on Tobacco Use. Attitudes and Knowledge. (Ottawa: Tobacco Programs Unit, 1988). Published data from the other sources were all based exclusively on self-reports.

Note:

Source: Health and Welfare Canada, Smoking Habits of Canadians 1965-1979 (Ottawa: Health and Welfare Canada, Health Services and Promotion Branch, 1980); Health and Welfare Canada, Smoking Behaviour of Canadians 1981, 1983, 1986, and 1989 (Ottawa: Health and Welfare Canada, Health Services Promotions Branch, 1983, 1985, 1988, 1992); Health and Welfare Canada, Health Promotion Survey: Technical Report, (Ottawa: Health and Welfare Canada, 1993); E.M. Adlaf, R.G. Smart, M.D. Canale, and F.J. Ivis, Alcohol and Other Drug Use Among Ontario Adults 1991 and 1994 (Toronto: Addiction Research Foundation, 1991 and 1994 respectively); S. Bondy, Attitudes and Experiences with Treatment of Alcohol and Tobacco Problems (Toronto: Addiction Research Foundation, 1994). L. Anglin ed., The Ontario Experience of Alcohol and Tobacco: New Focus on Accessibility, Violence and Mandatory Treatment (Toronto: Addiction Research Foundation, 1995).

Current cigarette smokers are regular (daily) smokers plus occasional smokers.

Table 5.2 Adult tobacco use1 by selected characteristics of the population, Ontario, 1965 to 1994

Characteristics	1965	1975	1979	1983	1986	1990	19942
							25.0
Current	48.4 %	39.3 %	37.0 %	35.2 %	30.4 %	30.4 %	25.3 %
Regular	41.5	35.3	31.1	30.2	25.8	24.8	23.6
Occasional	6.9	4.0	5.9	5.0	4.6	5.6	1.8
Sex							
Male	52.0	40.6	34.4	33.2	28.0	26.6	24.6
Female	31.1	30.1	27.9	27.3	23.7	22.7	22.5
Age							
15-24	35.43	28.4	27.7	28.3	22.4	22.7	32
25-44	49.0	42.9	36.5	34.4	31.0	29.8	28
45-64	43.5	39.4	32.9	32.4	27.0	23.8	17
65 and over	19.8	18.0	16.3	16.0	12.7	13.1	11
Education							
Less than high school	n.a.	34.0	29.6	28.8	26.7	n.a.	31.0
Finished high school	. Jign.a. A Hus	37.8	34.4	34.9	29.5	n.a.	28.0
Some college or university	n.a.	27.6	27.5	26.8	24.5	n.a.	21.5
University degree	n.a.	jan.a. dojila	21.2	24.5	10.6	n.a.	12.4
Cigarettes consumed							
daily by regular smokers							
1-10	25.7	22.3	19.6	19.0	21.7	20.1	34.7
11-25	65.9	69.2	68.0	68.3	67.9	66.9	59.7
26+	8.5	8.5	12.4	12.6	10.4	13.0	5.6

<sup>&</sup>lt;sup>1</sup> Tobacco use was defined as consuming tobacco at least once during the previous year.

Source: Health and Welfare Canada, Smoking Habits of Canadians 1965-1979 (Ottawa: Health and Welfare Canada, Health Services and Promotion Branch, 1980); Health and Welfare Canada, Smoking Behaviour of Canadians 1981, 1983, 1986 and 1989 (Ottawa: Health and Welfare Canada, Health Services Promotions Branch, 1983, 1985, 1988, 1992); Health and Welfare Canada, Health Promotion Survey: Technical Report, (Ottawa: Health and Welfare Canada, 1993); E.M. Adlaf, R.G. Smart, M.D. Canale, and F.J. Ivis, Alcohol and Other Drug Use Among Ontario Adults 1991 and 1994 (Toronto: Addiction Research Foundation, 1991 and 1994 respectively); S. Bondy, Attitudes and Experiences with Treatment of Alcohol and Tobacco Problems (Toronto: Addiction Research Foundation, 1994).

<sup>&</sup>lt;sup>2</sup> All years use age 15 and over for data except for 1994 which uses age 18 and over

<sup>&</sup>lt;sup>3</sup> There are no 1965 data so 1966 data were used.

Table 5.3 Percentage of Ontario adults aged 18 years and over who smoked cigarettes during the past 12 months, 1991 and 1994

Characteristics of population	1991	1994
Gender:		
Total	28.5 %	25.3 %
Male	28.5	26.4
Female	28.6	24.3
	20.0	24.0
Age:		
18 - 29 years	29.4	34.2
30 - 39 years	31.4	28.2
40 - 49 years	28.7	21.6
50 - 64 years	31.3	19.1
65+ years	18.8	12.4
Marital status:		
Never married	28.2	29.5
Married <sub>2</sub>	26.8	22.7
Previously married	39.4	30.7
Region:		
Metro Toronto	27.2	25.1
Metro Outskirts	28.5	24.4
Eastern Ontario	30.4	25.5
Western Ontario	24.9	26.0
Northern Ontario	35.4	25.9
Education:		
Less than high school	40.5	33.8
Completed high school	29.8	29.8
Some college or university	26.0	23.3
University degree	16.9	14.2
Charles a delice	10.0	1 -9 cma. ,
Income:		
<\$30,000	n.a.	34.3
\$30,000 - \$49,000	n.a.	30.3
\$50,000 - \$79,999	n.a.	21.2
\$80,000+	n.a.	16.8
E-male version to the tree to		
Employment status: Full time	n.a.	24.1
Part time	n.a.	26.5
	n.a.	42.3
Unemployed Retired	n.a.	15.8
	n.a.	24.5
Homemaker Students	n.a.	26.7
Other	n.a.	35.4
Other	11.a.	33.4

Current smokers are defined as anyone who has used cigarettes at least once during the 12 months before the survey.

Includes living with partner.

**Durce:** E.M. Adlaf, R.G. Smart and J.I. Frank, <u>Alcohol and other drug use among Ontario adults in 1994 and changes since 1977</u> (Toronto: Addiction Research Foundation, 1994).

Table 5.4 Percentage of students reporting tobacco use1 by selected characteristics of the population, Ontario, 1981, 1983, 1985, 1987, 1989, 1991, 1993, and 1995

haracteristics	1981	1983	1985	1987	1989	1991	1993	1995
All	30.3 %	29.1 %	24.5 %	24.0 %	23.3 %	21.7 %	23.8	27.9 %
C								
Sex	20.4	20.4	22.6	22.0	22.4	21.5	22.5	28.2
Male	26.1	28.1	22.6	22.8 25.1	22.1 24.5		22.5 25.2	27.5
Female	35.1	30.1	26.4	25.1	24.5	21.9	25.2	21.3
Age								
13 and under	8.8	12.7	9.6	9.0	6.6	5.8	8.9	10.2
14 - 15	31,1	33.6	23.0	25.2	28.0	18.8	23.4	27.1
16 - 17	42.7	44.0	35.3	31.2	30.4	31.3	33.1	41.2
18 and over	26.9	31.9	31.9	34.7	30.9	34.1	32.5	33.1
Grade								
Seven	9.4	14.9	10.5	10.2	7.1	6.1	9.4	10.3
Nine Made to the Made to	32.2	32.6	24.6	24.9	28.3	21.3	23.6	27.5
Eleven	43.4	44.6	35.4	32.4	30.4	31.9	34.8	41.7
Thirteen	23.1	30.0	29.4	31,5	30.2	30.6	27.5	31.4
Region								
Metro	26.3	24.7	25.4	19.6	23.3	19.3	21.6	20.3
West	36.0	31.7	25.8	23.7	23.5	22.2	24.9	29.6
East	29.1	29.1	21.3	26.0	21.6	22.0	22.7	30.4
North	23.5	8.5	26.3	29.4	27.4	23.6	27.9	29.5
Cigarettes consumed								
daily								
Average	5.7	5.8	5.8	5.4	5.5	6.3	5.9	6.1
Average	0.7	0.0	0.0	J. <del>4</del>	0.0	0.5	0.0	0.1
Less than 1	28.1	30.9	33.2	35.3	36.3	28.2	29.4	30.8
1-10	51.8	47.9	46.7	46.3	43.3	49.7	49.5	47.3
11-20	15.3	16.8	15.6	14.1	15.0	14.5	13.7	13.8
20+	4.8	4.5	4.5	4.3	5.4	7.5	7.4	8.0
Grade first used:								
Average Grade	6.1				7.0	7.4	7.1	7.4
Grade 4 and 5	46 %				28 %	22 %	24 %	19 %
Grade 6 and 7	32				33	32	36	37
Grade 8 and 9	16				26	28	30	30
Grade 10 and after	6				13	18	11	13
Grade To allu alter						10		13

<sup>&</sup>lt;sup>1</sup> Tobacco use was defined as consuming tobacco at least once during the previous year.

Note: Based on a provincewide survey of approximately 3,270 Ontario students in 1981; 4,737 in 1983; 4,154 in 1985; 4,267 in 1987; 3,915 in 1989; 3,945 in 1991; 3,571 in 1993; and 3,870 in 1995 in Grades 7, 9, 11 and 13.

Source: Adlaf E.M., F.J. Ivis, R.G. Smart, and G.W. Walsh, <u>The Ontario Student Drug Use Survey: 1977-1995</u> (Toronto: Addiction Research Foundation, 1995).

Table 5.5 Percentage of university students reporting daily cigarette smoking, Ontario, 1993

Characteristics	Daily	Cig	arettes smoked da	aily
	Smokers	1-10	11-20	20+
Total:	25.8%	61.0%	28.6%	10.3%
Gender:				
Male	26.7	n.a.	n.a.	n.a.
Female	24.9	n.a,	n.a.	n.a.
Age:				
17-19	21.1	65.3	28.7	6.0
20 -22	26.3	70.0	23.5	6.5
23 -25	27.5	59.1	28.3	12.6
26 or older	30.0	29.5	47.2	23.3
Year of study:				
First	26.3	64.2	29.6	6.2
Second	27.6	61.5	24.2	
Third	24.8	59.5	27.0	14.2
Fourth	22.6	53.2	39.7	13.5
T Garter	22.0	33.2	33.1	7.1
Grade:				
Α	21.0	53.6	30.3	16.1
. В	26.0	65.9	26.3	7.8
С	28.6	63.2	28.1	8.7
. D	38.1	43.9	26.0	30.1
Discontinuit				
Place of residence:	247	70.7	00.0	
Campus	24.7	73.7	22.6	3.7
Parents	20.9	66.3	26.5	7.2
Off campus	30.3	57.7	29.8	12.5
Other	26.2	30.5	49.4	20.0
Program:				
Arts	32.6	61.1	29.6	9.3
Science	16.2	57.0	28.7	14.3
Social Science	32.1	63.4	24.2	12.3
Business	22.8	68.6	22.6	8.8
Other	23.7	53.0	38.0	9.0

#### .a. Not available

Based on the number of cigarettes smoked per day by daily smokers.

iource: L.Gliksman, B. Newton-Taylor, E.M. Adlaf, D. Dewit, and N. Giesbrecht, <u>University Student Drug Use and Lifestyle Behaviours</u> - <u>Current Patterns and Changes from 1988 to 1993</u> (Toronto: Addiction Research Foundation, 1994).

Table 5.6 Attitudes toward smoking in public places and toward the number and types of places that should sell cigarettes, Ontario, 1995

	Total	Ge	nder	A	ge Grou	p	Sn	noking Sta	tus
		Male	Female	18-34	35-54	55+	Never	Former	Curren
Smoking in the workplace should be banned except in enclosed areas that									
are separately ventilated?									
Yes	89	89	89	90	89	87	92	91	82
Should any smoking be allowed in restaurants?									
Yes Date pala	48	51 %	45	53	45	45	28	39 147	82
Should smoking be allowed at all in ba Yes		76	72	79	72	70	63	65	97
The number of places at which tobacc	0								
Yes Market V	59	56	63	60	60	58	75	65	37
Should cigarettes be sold in pharmaci	es?								
Yes	26	32	19	26	26	23	20	25	32
Should cigarettes be sold only in government outlets, the way alcohol is	?								
-		25	41.	36	. 31 :	32	46	35	18

Source: L. Anglin ed., <u>The Ontario Experience of Alcohol and Tobacco: New Focus on Accessibility. Violence and Mandatory Treatment - A Report of the Ontario Alcohol and Other Drug Opinion Survey. 1995</u> (Toronto: Addiction Research Foundation, November, 1995).

Table 5.7 Opinions about the sale and use of tobacco, Ontario, 1995

	Total	fotal Gender Ag			lge Group		Sr	noking Sta	tus
		Male	Female	18-34	35-54	55+	Never	Former	Current
Stores convicted for selling tobacco to young people under 19 years of ag age should lose their licence to sell tobacco.	e								
Yes	82	79	85	85	82	76	86	82	77
Cigarettes should be sold in plain white packages that show only health warnings, ingredients and brand name as a way of discouraging smoking among children.									
Yes	65	61	70	68	64	64	78	66	52
The government should not allow cigarette companies to sponsor sporting or cultural events.  Yes	52	44	59	52	52	49	64	55	35
Tobacco companies should be required to list all ingredients and									
additives on cigarette packages. Yes	95	94	96	96	96	93	97	95	95

burce: L. Anglin ed., The Ontario Experience of Alcohol and Tobacco: New Focus on Accessibility, Violence and Mandatory Treatment A Report of the Ontario Alcohol and Other Drug Opinion Survey, 1995 (Toronto: Addiction Research Foundation, November, 1995).

Table 5.8 Opinions about parents smoking in the presence of children, Ontario, 1995

	Total	Total Gender Age Group			Smoking Status				
		Male	Female	18-34	35-54	55+	Never	Former	Currer
Should parents spending time with small children									
Not smoke at all inside the house? Yes	60	60	59	62	57	59	74	65	;
Smoke only in another part of the house?									
Yes	33	33	33	33	34	31	- 23	get 24 . 28	radelal d
Feel free to smoke in front of the children?									
Yes	7	7	8	5	9	10	3	7	
Should there be a law that says parents can't smoke inside their home if children are living there? Yes	36	34	37	42	32	33	. 48	· 38	The segret
Should there be a law that says parents can't smoke inside their									
car? Yes	51	48	54	54	47	54	61	53	

Source: L. Anglin ed., <u>The Ontario Experience of Alcohol and Tobacco: New Focus on Accessibility. Violence and Mandatory Treatment - A Report of the Ontario Alcohol and Other Drug Opinion Survey. 1995</u> (Toronto: Addiction Research Foundation, November, 1995).

Table 5.9 Estimated number of deaths indirectly due to smoking, Ontario, 1985 to 1992

1	1985	1986	1987	1988	1989	1990	1991	1992
				1000	1000	1550	1331	1932
Smoking-related mortality:								
Neoplasms	17,418	17,540	18,183	19,058	19,290	19,304	20,115	20,452
Hypertensive Disease	457	422	377	426	418	428	433	432
Ischaemic Heart Disease	19,182	19,097	18,480	18,523	18,177	17,129	17,183	17,367
Cerebrovascular Disease	5,339	5,283	5,223	5,492	5,462	5,261	5,470	5,542
Chronic Bronchitis	152	123	119	110	119	99	119	91
Emphysema	330	336	325	320	278	329	338	295
Asthma	172	203	177	185	183	169	159	186
Total	43,050	43,004	42,884	44,114	43,927	42,719	43,817	44,365
Estimated deaths indirectly								
due to smoking:								
Number	13,375	13,365	13,300	13,665	13,585	13.235	13,575	13,710
Rates4 per 100,000	,	,	,	,	,	,	,	
population - https://doi.org/10.1000	143.3	141.0	137.3	138.2	133.8	131.4	129.7	128.0
Rates4 per 100,000								
population aged 20+	199.9	195.5	189.7	190.5	183.9	180.3	177.7	175.2

<sup>&</sup>lt;sup>1</sup> The number of deaths indirectly due to smoking have been estimated from the number of deaths due to chronic bronchitis, asthma, emphysema and 30% of all deaths due to neoplasms, stroke, hypertension and heart disease. For disease codes included under each cause of death, see Technical Notes.

Source: Statistics Canada, Causes of Death - Vital Statistics Volume IV 1984, 1985 and 1986 (Ottawa: Statistics Canada, Catalogue No. 84-203, 1986, 1987 and 1988 respectively); Health Reports. Supplement. Volume 1. No. 1. 1989 - Causes of Death, 1987 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1989); Health Reports. Supplement No. 11, Volume 2. No. 1, 1990 - Causes of Death, 1988 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1990); Health Reports. Supplement No. 11, Volume 3. No. 1, 1991 - Causes of Deaths, 1989 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1991); Health Reports, Supplement No. 11 Volume 4. No. 1, 1992 - Causes of Death, 1990 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1991); Health Reports, Supplement No. 11 Volume 4. No. 1, 1992 - Causes of Death, 1990 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1993); Statistics Canada, Causes of Death, 1991 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1993); Statistics Canada, Causes of Death, 1992 (Ottawa: Statistics Canada, Catalogue No. 84-208, 1994); Statistics Canada Revised Intercensal Population and Family Estimates, July 1, 1971-1991 (Ottawa: Statistics Canada, Catalogue No. 91-537 Occasional, July, 1994).

<sup>&</sup>lt;sup>2</sup> Figures have been rounded to the nearest multiple of 5.

<sup>&</sup>lt;sup>3</sup> Due to rounding, components will not necessarily add to totals.

Rates were calculated on actual (unrounded) figures.

Part II

# COUNTY DATA

# PART II COUNTY DATA \_\_\_\_\_

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## County Data Overview

art II of this report contains data for each of Ontario's counties and regional municipalities. Each county has aree pages of information presented in the following manner:

For Each County	Subject Areas	Years Covered
First page	ALCOHOL-RELATED OCCURRENCES	
	Consumption of Absolute Alcohol	1990-91only
Number and rates	Legal Offences	1990 and 1993
for 2 years	Drivers in Alcohol-Related Traffic Crashes	1991 and 1992
	General Hospital Separations	1991-92 and 1992-93
	Primary Diagnoses	
	Secondary Diagnoses	
	Mental Hospital Separations	
	Primary Diagnoses only	1991-92 and 1992-93
Second page	ALCOHOL-RELATED OCCURRENCES	
	(Concluded)	
Number and rates	Mortality	1991 and 1992
for 2 years	DRUG-RELATED OCCURRENCES	
	Legal Offences	1991 and 1992
	General Hospital Separations	
	Primary Diagnoses	1991-92 and 1992-93
	Secondary Diagnoses	1991-92 and 1992-93
	Mental Hospital Separations	
	Primary Diagnoses only	1991-92 and 1992-93
	Mortality	1991 and 1992
Third page	County population by age group	1986 to 1993
	Graph comparing county rates to provincial rates	most recent year

eaders should note that not all variables have the exact same time period; and that some sources provide data r calendar years, while other sources provide data for fiscal years.

tes for selected indictors. The provincial rate for all variables is represented as 1. Values greater than 1 dicate county rates are higher than the provincial rate (ie. a value of 2 would indicate the county rate is puble the provincial rate), while values less than 1 indicate county rates are below provincial rates.

County Data Overview (Concluded) .

Users are reminded that rates for smaller counties may show large year-to-year variations and should be interpreted with caution.

Part III contains a number of tables, for selected variables, that provide a summary of rates for the five year period being considered and the corresponding ranking over that period. This five-year rate for each region was calculated according to the following formula:

$$5-year\ rate = \frac{\sum_{t=1}^{5} (Occurrences_t)}{\sum_{t=1}^{5} (Population_t)}$$

Finally, Parts IV and V detail sources and explanatory notes about the data. Included are definitions of the variables, caveats and other problems associated with the data.

# **KEY TO SYMBOLS**

"-"

zero or nil value

"n.a."

figures not available

## **Year Definitions:**

Calendar Years: Data for the 12 month period January 1 to December 31. Calendar years are denoted in the following manner:

1992 (covers January 1, 1992 to December 31, 1992)

Fiscal Years:

In all cases data for fiscal years are for the period April 1 of the year specified to March 31 of the following year. Fiscal year data are denoted in the following manner:

1992-93 (covers April 1, 1992 to March 31, 1993)

## **ALGOMA**

## ALCOHOL-RELATED OCCURRENCES

All rates are per 100,000 total population unless otherwise specified)

Consumption of Absolute Alcohol			1990-91		1990-91
		Numbe		Litres per per	
Litres		Numbe	969,441	Littles per per	9.3
			303,441	Rates per 100	
Estimated Low Risk Consumers			62,800	Rates per 100	59.695.8
Estimated Moderate Risk Consumers					
Estimated High Risk Consumers			14,800		14,068.4
Estimated Fight Nak Consumers			6,500		6,178.7
Legal Offences		1990	1993	1990	1993
Liquor Act		1,685	1,202	1,242.6	901.7
Impaired Operation Causing Death		1	- 1,202	0.7	- 001.7
Impaired Operation Causing Bodily Hal	rm 📙	7	21	5.2	15.8
Impaired Operation Over 80 mg%	···	685	495	505.2	371.3
Fail/Refuse to Provide Breath/Blood Sa	mnle	26	44	19.2	33.0
Tail/Telase to Floride Bleath/Blood Se	Total	2,404	1,762	1,773	
Dravi	ncial Rate	2,404	1,702		1,321.8
Piovi	nciai Kate		L	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashe	s	1991	1992	1991	1992
Resulting in Property Damage		115	121	85.9	90.8
Resulting in Personal Injury		94	105	70.3	78.8
Resulting in Fatalities		7	6	5.2	4.5
	Total	216	232	161.4	174.0
Provi	ncial Rate			134.0	137.0
General Hospital Separations	_				
Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
Primary Diagnoses Alcoholic Psychoses	E	53	53	39.6	39.8
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	E	53 124	53 100	39.6 92.7	39.8 75.0
Primary Diagnoses Alcoholic Psychoses	E	53	53 100 37	39.6	39.8
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome		53 124	53 100	39.6 92.7 35.1 44.1	39.8 75.0
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		53 124 47	53 100 37	39.6 92.7 35.1	39.8 75.0 27.8
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	Total	53 124 47 59	53 100 37 52	39.6 92.7 35.1 44.1	39.8 75.0 27.8 39.0
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	Total	53 124 47 59 7	53 100 37 52 8	39.6 92.7 35.1 44.1 5.2	39.8 75.0 27.8 39.0 6.0
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provin		53 124 47 59 7 290	53 100 37 52 8 250	39.6 92.7 35.1 44.1 5.2 216.7	39.8 75.0 27.8 39.0 6.0 187.5 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Secondary Diagnoses Alcoholic Psychoses		53 124 47 59 7 290	53 100 37 52 8 <b>250</b>	39.6 92.7 35.1 44.1 5.2 216.7 101.1	39.8 75.0 27.8 39.0 6.0 187.5 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Secondary Diagnoses Alcohol Dependence Syndrome		53 124 47 59 7 <b>290</b>	53 100 37 52 8 <b>250</b>	39.6 92.7 35.1 44.1 5.2 216.7 101.1	39.8 75.0 27.8 39.0 6.0 187.5 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Secondary Diagnoses Alcoholic Psychoses		53 124 47 59 7 <b>290</b>	53 100 37 52 8 250	39.6 92.7 35.1 44.1 5.2 216.7 101.1	39.8 75.0 27.8 39.0 6.0 187.5 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Secondary Diagnoses Alcohol Dependence Syndrome		53 124 47 59 7 <b>290</b>	53 100 37 52 8 250	39.6 92.7 35.1 44.1 5.2 216.7 101.1	39.8 75.0 27.8 39.0 6.0 187.5 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		53 124 47 59 7 <b>290</b>	53 100 37 52 8 <b>250</b>	39.6 92.7 35.1 44.1 5.2 216.7 101.1 14.9 245.9 51.6 63.5 2.2	39.8 75.0 27.8 39.0 6.0 <b>187.5</b> <b>93.1</b> 13.5 219.8 36.8 61.5 1.5
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provin  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	Total	53 124 47 59 7 <b>290</b> 20 329 69 85	53 100 37 52 8 250	39.6 92.7 35.1 44.1 5.2 216.7 101.1 14.9 245.9 51.6 63.5 2.2 378.2	39.8 75.0 27.8 39.0 6.0 187.5 93.1 13.5 219.8 36.8 61.5 1.5 333.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provin  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	ncial Rate	53 124 47 59 7 <b>290</b> 20 329 69 85 3	53 100 37 52 8 <b>250</b>	39.6 92.7 35.1 44.1 5.2 216.7 101.1 14.9 245.9 51.6 63.5 2.2	39.8 75.0 27.8 39.0 6.0 <b>187.5</b> <b>93.1</b> 13.5 219.8 36.8 61.5 1.5
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Mental Hospital Separations	Total	53 124 47 59 7 <b>290</b> 20 329 69 85 3 <b>506</b>	53 100 37 52 8 <b>250</b>	39.6 92.7 35.1 44.1 5.2 216.7 101.1 14.9 245.9 51.6 63.5 2.2 378.2 190.9	39.8 75.0 27.8 39.0 6.0 187.5 93.1 13.5 219.8 36.8 61.5 1.5 333.1 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Mental Hospital Separations Primary Diagnoses	Total	53 124 47 59 7 290 20 329 69 85 3 506	53 100 37 52 8 <b>250</b> 18 293 49 82 2 444	39.6 92.7 35.1 44.1 5.2 216.7 101.1 14.9 245.9 51.6 63.5 2.2 378.2 190.9	39.8 75.0 27.8 39.0 6.0 <b>187.5</b> <b>93.1</b> 13.5 219.8 36.8 61.5 1.5
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	Total	53 124 47 59 7 290 20 329 69 85 3 506	53 100 37 52 8 <b>250</b>	39.6 92.7 35.1 44.1 5.2 216.7 101.1 14.9 245.9 51.6 63.5 2.2 378.2 190.9	39.8 75.0 27.8 39.0 6.0 187.5 93.1 13.5 219.8 36.8 61.5 1.5 333.1 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	Total	53 124 47 59 7 290 20 329 69 85 3 506	53 100 37 52 8 <b>250</b>	39.6 92.7 35.1 44.1 5.2 216.7 101.1 14.9 245.9 51.6 63.5 2.2 378.2 190.9	39.8 75.0 27.8 39.0 6.0 187.5 93.1 13.5 219.8 36.8 61.5 1.5 333.1 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	Total notal Rate	53 124 47 59 7 290 20 329 69 85 3 506	53 100 37 52 8 <b>250</b> 18 293 49 82 2 444	39.6 92.7 35.1 44.1 5.2 216.7 101.1 14.9 245.9 51.6 63.5 2.2 378.2 190.9	39.8 75.0 27.8 39.0 6.0 187.5 93.1 13.5 219.8 36.8 61.5 1.5 333.1 189.2 1992-93 - 2.3 0.8
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provid  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	Total	53 124 47 59 7 290 20 329 69 85 3 506	53 100 37 52 8 <b>250</b>	39.6 92.7 35.1 44.1 5.2 216.7 101.1 14.9 245.9 51.6 63.5 2.2 378.2 190.9	39.8 75.0 27.8 39.0 6.0 187.5 93.1 13.5 219.8 36.8 61.5 1.5 333.1 189.2

## **ALGOMA**

#### ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

	Numb	er	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses		1	-	0.8
Alcohol Dependence Syndrome	2	4	1.5	3.0
Chronic Liver Disease and Cirrhosis	17	13	12.7	9.8
Tota		18	14.2	13.5
Provincial Rat			10.7	10.3
RUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	237	448	176.8	336.1
Heroin	-	1	-	1.1
Cocaine	20	59	14.6	44.1
Other Drugs	18	57	13.5	43.0
Controlled Drugs	4	8	3.0	6.2
	33	30	25.0	22.5
Restricted Drugs Total		604	232.9	453.0
Provincial Rat		604	200.9	175.3
rioviliciai Nat		_	200.9	175.5
General Hospital Separations	1991-92	1992-93	1991-92	1992-93
Primary Diagnoses  Drug Psychoses				
	4	14	3.0	10.5
Drug Dependence	27	25	20.2	18.8
Nondependent Abuse of Drugs	28	24	20.9	18.0
Poisoning by Analgesics, Antipyretics	47	48	35.1	36.0
Poisoning by Sedatives and Hypnotics	13	6	9.7	4.5
Poisoning by Psychotropic Agents	42	40	31.4	30.0
Total		157	120.3	117.8
Provincial Rat	e	L	67.0	63.6
Secondary Diagnoses				
Drug Psychoses	3	9	2.2	6.8
Drug Dependence	36	36	26.9	27.0
Nondependent Abuse of Drugs	79	73	59.0	54.8
Poisoning by Analgesics, Antipyretics	43	56	32.1	42.0
Poisoning by Sedatives and Hypnotics	4	2	3.0	1.5
Poisoning by Psychotropic Agents	33	39	24.7	29.3
Total	198	215	148.0	161.3
Provincial Rat	e		75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1	1	0.7	0.8
Drug Dependence	1	-	0.7	-
Nondependent Abuse of Drugs	-	-	-	-
Total	2	1616390 × 11	1.5	0.8
Provincial Rat			2.1	2.6
Mortality				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	1	3	0.7	2.3
Suicide	2	4	1.5	3.0
Salcide			1.0	3.0

Undetermined

3

Total

**Provincial Rate** 

2.2

3.1

0.8

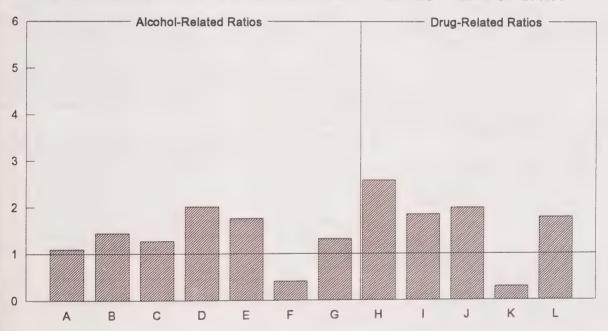
6.0

#### **ALGOMA**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
_			(in t	housands)			
0- 9	21.3	20.5	20.3	20.2	20.0	19.2	18.6
10-14	10.9	10.6	10.4	10.3	10.4	10.1	9.9
15-19	11.5	11.2	10.9	10.7	10.5	10.3	10.3
20-29	24.7	23.1	22.4	22.0	21.2	19.7	18.9
30-39	21.5	21.3	21.7	22.3	22.6	22.6	22.3
40-49	15.6	15.9	16.3	16.8	17.3	17.5	17.9
50-59	13.7	13.6	13.5	13.6	13.6	13.7	13.7
60-64	5.5	5.7	5.9	6.0	6.2	6.3	6.5
65-74	7.4	7.6	7.9	8.4	8.7	9.1	9.5
75+	4.0	4.2	4.4	4.8	5.1	5.3	5.6
Total population	136.2	133.6	133.5	135.1	135.6	133.8	133.3
Aged 15 and over	103.9	102.6	103.0	104.6	105.2	104.5	104.7
Aged 20 and over	92.4	91.4	92.1	93.9	94.7	94.2	94.4

### **RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA**



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## **BRANT**

## ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

Consumption of Absolute Alcohol		1990-91		1990-9
	Number		Litres per per	
Litres		732,923		8
Estimated and District Occurrence		57,200	Rates per 100	
Estimated Low Risk Consumers		57,300		62,486
Estimated Moderate Risk Consumers		10,900 4,800		11,886 5,234
Estimated High Risk Consumers		4,800		5,234
<u>egal Offences</u>	1990	1993	1990	199
Liquor Act	676	455	573.9	377
Impaired Operation Causing Death	1	3	0.8	2
Impaired Operation Causing Bodily Harm	3	13	2.5	10
Impaired Operation Over 80 mg%	415	448	352.3	37
Fail/Refuse to Provide Breath/Blood Sample	13	45	11.0	37
Total	1,108	964	941	798
		L	1,383.1	919
rivers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	87	121	72.9	10
Resulting in Personal Injury	75	89	62.9	7
Resulting in Fatalities	5	5	4.2	
Total	167	215	140.0	17
Provincial Rate	9		134.0	13
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-
Alcoholic Psychoses	17	16	14.2	1:
Alcohol Dependence Syndrome	140	123	117.4	10
Nondependent Abuse of Alcohol	23	29	19.3	24
Chronic Liver Disease and Cirrhosis	53	33	44.4	2
Toxic Effects of Alcohol	2 235	2	1.7	
Total	275			
Provincial Rate		203	197.0	
Provincial Rate		203	197.0	
Secondary Diagnoses Alcoholic Psychoses		16	101.1	9:
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	13 211	16 206	101.1	9; 1; 170
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	13 211 71	16 206 57	101.1 10.9 176.9 59.5	1: 170 4:
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	13 211 71 94	16 206 57 73	101.1 10.9 176.9 59.5 78.8	9; 1; 17( 4;
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	13 211 71 94	16 206 57 73 1	101.1 10.9 176.9 59.5 78.8 0.8	9; 17 47 60
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total	13 211 71 94 1	16 206 57 73	101.1 10.9 176.9 59.5 78.8 0.8 326.9	13 170 47 60 (
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	13 211 71 94 1	16 206 57 73 1	101.1 10.9 176.9 59.5 78.8 0.8	13 170 47 60 (
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	13 211 71 94 1 390	16 206 57 73 1 353	101.1 10.9 176.9 59.5 78.8 0.8 326.9 190.9	13 170 47 60 ( 292 189
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  lental Hospital Separations Primary Diagnoses	13 211 71 94 1	16 206 57 73 1	101.1 10.9 176.9 59.5 78.8 0.8 326.9 190.9	13 170 47 60 ( 292 189
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  lental Hospital Separations Primary Diagnoses Alcoholic Psychoses	13 211 71 94 1 390	16 206 57 73 1 353	101.1 10.9 176.9 59.5 78.8 0.8 326.9 190.9	9: 170 47 60 ( 29: 18:
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  lental Hospital Separations Primary Diagnoses	13 211 71 94 1 390	16 206 57 73 1 353	101.1 10.9 176.9 59.5 78.8 0.8 326.9 190.9	9: 17: 17: 47: 60: ( 29: 18: 1992-3
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate    Iental Hospital Separations	13 211 71 94 1 390	16 206 57 73 1 353	101.1 10.9 176.9 59.5 78.8 0.8 326.9 190.9	168 93 170 47 60 292 189

### **BRANT**

#### ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

9.6 4 - 874 -	Numbe		Rates per 1	
Mortality	1991	1992	1991	1993
Alcohol Psychoses	-	-	-	
Alcohol Dependence Syndrome	2	2	1.7	1.7
Chronic Liver Disease and Cirrhosis	16	16	13.4	13.3
Total	18	18	15.1	14.9
Provincial Rat	te		10.7	10.3
UG-RELATED OCCURRENCES				
egal Offences	1991	1992	1991	1992
Marijuana	149	137	124.6	113.
Heroin		- 101	124.0	113.
Cocaine	1	5	0.9	4.
Other Drugs	2			
			1.7	
Controlled Drugs	2		1.7	
Restricted Drugs	4	1	3.0	1.
Total Provincial Rat		144	131.9 200.9	119. 175.
		_	200.3	175.
Seneral Hospital Separations	4004.00	4000.00	4004.00	4000
Primary Diagnoses	1991-92	1992-93	1991-92	1992-9
Drug Psychoses	8	5	6.7	4.
Drug Dependence	19	24	15.9	19.
Nondependent Abuse of Drugs	3	2	2.5	1.
Poisoning by Analgesics, Antipyretics	19	22	15.9	18.
Poisoning by Sedatives and Hypnotics	7	2	5.9	1.
Poisoning by Psychotropic Agents	26	36	21.8	29.
Total		91	68.7	75.
Provincial Rat			67.0	63.
Secondary Diagnoses				
Drug Psychoses	7	9	5.9	7.
Drug Dependence	34	35	28.5	29.
Nondependent Abuse of Drugs	42	147	35.2	121.
·	33	23	27.7	19.
Poisoning by Analgesics, Antipyretics	7		5.9	3.
Poisoning by Sedatives and Hypnotics		4		
Poisoning by Psychotropic Agents	37	34	31.0	28.
Total		252	134.1	208.
Provincial Rat	e	L	75.2	81.
ental Hospital Separations	4004.02	1992-93	1991-92	1992-93
Primary Diagnoses	1991-92			1992-93
Drug Psychoses	•		-	1.
Drug Dependence	-	2	-	
Nondependent Abuse of Drugs	-	-	-	
Total		2	2.1	1.
Provincial Rat	е	_	2.1	Z.
ortality:	4004	1992	1991	199
From Drugs, Medicaments & Biologicals	1991			133
Accidental Poisoning	-	-	-	
Suicide	-		-	
Undetermined	-		-	
Total			-	
Provincial Rat	0		3.1	3.4

3.1

3.4

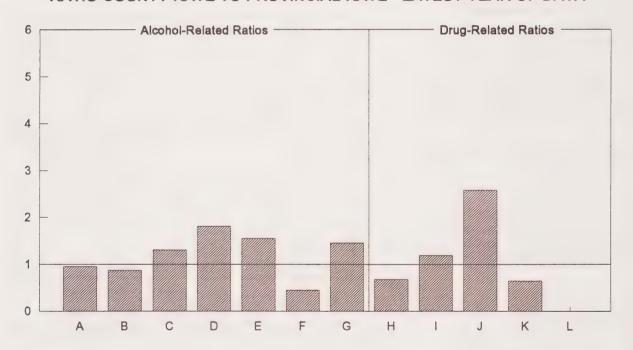
**Provincial Rate** 

#### BRANT

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
_	(in thousands)						
0- 9	15.9	16.2	16.5	16.9	17.7	18.0	18.1
10-14	8.1	8.1	8.1	8.3	8.4	8.4	8.5
15-19	8.5	8.4	8.3	8.3	8.5	8.6	8.6
20-29	18.5	18.7	18.7	18.7	18.7	18.3	18.0
30-39	17.1	17.6	17.8	18.5	19.2	19.6	19.9
40-49	11.8	12.5	13.2	13.8	14.5	15.2	15.8
50-59	10.5	10.3	10.1	10.1	10.2	10.3	10.3
60-64	5.3	5.4	5.5	5.3	5.2	5.1	5.0
65-74	8.2	8.4	8.5	8.7	8.9	9.1	9.4
75+	5.6	5.8	6.1	6.3	6.5	6.7	6.8
Total population	109.6	111.4	112.9	115.1	117.8	119.3	120.7
Aged 15 and over	85.5	87.1	88.2	89.7	91.7	92.9	93.8
Aged 20 and over	77.0	78.7	79.9	81.4	83.2	84.3	85.2

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations DrugsK. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## BRUCE

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

		1990-91		1990-91
	Numbe	er	Litres per per	son 15+
Litres		552,375		10.8
			Rates per 100	,000 15+
Estimated Low Risk Consumers		27,800		54,403.1
Estimated Moderate Risk Consumers		8,700		17,025.4
Estimated High Risk Consumers		4,000		7,827.8
Legal Offences	1990	1993	1990	1993
Liquor Act	2,171	1,123	3,279.5	1,625.2
Impaired Operation Causing Death	1	1	1.5	1.4
Impaired Operation Causing Bodily Harm	3	1	4.5	1.4
Impaired Operation Over 80 mg%	364	209	549.8	302.5
Fail/Refuse to Provide Breath/Blood Sample	20	14	30.2	20.3
Tot	tal 2,559	1,348	3,866	1,950.8
		L	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	77	68	114.1	98.4
Resulting in Personal Injury	62	49	91.9	70.9
Resulting in Fatalities	5	2	7.4	2.9
Tot		119	213.3	172.2
Provincial R	ate		134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Primary Diagnoses Alcoholic Psychoses	22	11	32.6	15.9
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	22 46	31	32.6 68.1	15.9 44.9
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	22 46 37	11 31 32	32.6 68.1 54.8	15.9 44.9 46.3
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis	22 46 37 21	11 31 32 18	32.6 68.1 54.8 31.1	15.9 44.9 46.3 26.0
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol	22 46 37 21 3	11 31 32 18 2	32.6 68.1 54.8 31.1 4.4	15.9 44.9 46.3 26.0 2.9
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Tot	22 46 37 21 3	11 31 32 18	32.6 68.1 54.8 31.1 4.4 191.1	15.9 44.9 46.3 26.0 2.9 136.0
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R	22 46 37 21 3	11 31 32 18 2	32.6 68.1 54.8 31.1 4.4	15.9 44.9 46.3 26.0 2.9
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses	22 46 37 21 3	11 31 32 18 2	32.6 68.1 54.8 31.1 4.4 191.1 101.1	15.9 44.9 46.3 26.0 2.9 136.0
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R	22 46 37 21 3 129 ate	11 31 32 18 2 94	32.6 68.1 54.8 31.1 4.4 191.1 101.1	15.9 44.9 46.3 26.0 2.9 136.0 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses Alcohol Dependence Syndrome	22 46 37 21 3 129 ate	11 31 32 18 2 94	32.6 68.1 54.8 31.1 4.4 191.1 101.1	15.9 44.9 46.3 26.0 2.9 136.0 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses Alcoholic Psychoses	22 46 37 21 3 129 ate	11 31 32 18 2 94	32.6 68.1 54.8 31.1 4.4 191.1 101.1	15.9 44.9 46.3 26.0 2.9 <b>136.0</b> <b>93.1</b>
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	22 46 37 21 3 129 ate	11 31 32 18 2 94	32.6 68.1 54.8 31.1 4.4 191.1 101.1	15.9 44.9 46.3 26.0 2.9 136.0 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Toto	22 46 37 21 3 129 ate 18 89 30 31 - 168	11 31 32 18 2 94 94	32.6 68.1 54.8 31.1 4.4 191.1 101.1 26.7 131.9 44.4 45.9	15.9 44.9 46.3 26.0 2.9 136.0 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	22 46 37 21 3 129 ate 18 89 30 31 - 168	11 31 32 18 2 94	32.6 68.1 54.8 31.1 4.4 191.1 101.1	15.9 44.9 46.3 26.0 2.9 136.0 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Mental Hospital Separations	22 46 37 21 3 129 ate 18 89 30 31 - 168 ate 168 ate	9 81 44 35 -	32.6 68.1 54.8 31.1 4.4 191.1 101.1 26.7 131.9 44.4 45.9	15.9 44.9 46.3 26.0 2.9 136.0 93.1 13.0 117.2 63.7 50.7 -
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Tot Provincial R  Mental Hospital Separations Primary Diagnoses	22 46 37 21 3 129 ate 18 89 30 31 - 168 ate 1991-92	11 31 32 18 2 94 94 94 1992-93	32.6 68.1 54.8 31.1 4.4 191.1 101.1 26.7 131.9 44.4 45.9 - 248.9 190.9	15.9 44.9 46.3 26.0 2.9 136.0 93.1 13.0 117.2 63.7 50.7
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Tot Provincial R  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	22 46 37 21 3 129 ate 18 89 30 31 - 168 ate 1991-92 1	9 81 44 35 - 169	32.6 68.1 54.8 31.1 4.4 191.1 101.1 26.7 131.9 44.4 45.9 - 248.9 190.9	15.9 44.9 46.3 26.0 2.9 136.0 93.1 117.2 63.7 50.7 - 244.6 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	22 46 37 21 3 129 ate 18 89 30 31 - 168 ate 1991-92	9 81 44 35 - 169	32.6 68.1 54.8 31.1 4.4 191.1 101.1 26.7 131.9 44.4 45.9 - 248.9 190.9	15.9 44.9 46.3 26.0 2.9 136.0 93.1 13.0 117.2 63.7 50.7 -
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	22 46 37 21 3 129 ate 18 89 30 31 - 168 ate 1991-92 1 5 - 1	11 31 32 18 2 94 94 81 44 35 - 169	32.6 68.1 54.8 31.1 4.4 191.1 101.1 26.7 131.9 44.4 45.9 - 248.9 190.9	15.9 44.9 46.3 26.0 2.9 136.0 93.1  13.0 117.2 63.7 50.7 - 244.6 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial R  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	22 46 37 21 3 129 ate 18 89 30 31 - 168 ate 1991-92 1 5 - 24 24 6	9 81 44 35 - 169	32.6 68.1 54.8 31.1 4.4 191.1 101.1 26.7 131.9 44.4 45.9 - 248.9 190.9	15.9 44.9 46.3 26.0 2.9 136.0 93.1  13.0 117.2 63.7 50.7 - 244.6 189.2

## BRUCE

Number

1992

1991

#### **ALCOHOL-RELATED OCCURRENCES**

**Mortality** 

(All rates are per 100,000 total population unless otherwise specified)

Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	-
Alcohol Dependence Syndrome	4	2	5.9	2.9
Chronic Liver Disease and Cirrhosis	6	5	8.9	7.2
Total	10	7	14.8	10.1
Provincial Rate			10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	60	73	88.5	105.7
Heroin	-	- 1	- 00.0	100.7
Cocaine	2		3.2	
	1		1.5	
Other Drugs	1		1.5	
Controlled Drugs				20
Restricted Drugs	4	1	5.3	2.0
Total	67	74	100.0	107.6
Provincial Rate		L	200.9	175.3
General Hospital Separations	4004.00	4000.00	4004.00	4000.02
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	3	2	4.4	2.9
Drug Dependence	6	7	8.9	10.1
Nondependent Abuse of Drugs	2	3	3.0	4.3
Poisoning by Analgesics, Antipyretics	12	27	17.8	39.1
Poisoning by Sedatives and Hypnotics	4	4	5.9	5.8
Poisoning by Psychotropic Agents	15	15	22.2	21.7
Total	42	58	62.2	83.9
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Secondary Diagnoses Drug Psychoses	2	5	3.0	7.2
	2 15	5 9		
Drug Psychoses		5 9 7	3.0	7.2
Drug Psychoses Drug Dependence	15	9	3.0 22.2	7.2 13.0
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics	15 7	9 7	3.0 22.2 10.4	7.2 13.0 10.1
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics	15 7 3	9 7 10	3.0 22.2 10.4 4.4	7.2 13.0 10.1
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics	15 7 3 7 12	9 7 10 - 11	3.0 22.2 10.4 4.4 10.4 17.8	7.2 13.0 10.1 14.5 - 15.9
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents	15 7 3 7	9 7 10	3.0 22.2 10.4 4.4 10.4	7.2 13.0 10.1 14.5
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total  Provincial Rate	15 7 3 7 12	9 7 10 - 11	3.0 22.2 10.4 4.4 10.4 17.8 68.1	7.2 13.0 10.1 14.5 - 15.9 60.8
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations	15 7 3 7 12 46	9 7 10 - 11 42	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses	15 7 3 7 12	9 7 10 - 11	3.0 22.2 10.4 4.4 10.4 17.8 68.1	7.2 13.0 10.1 14.5 - 15.9 60.8
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Drug Psychoses	15 7 3 7 12 46	9 7 10 - 11 42	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Drug Psychoses Drug Dependence	15 7 3 7 12 46	9 7 10 - 11 42 1992-93 - -	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Drug Psychoses Drug Psychoses Drug Dependence Nondependent Abuse of Drugs	15 7 3 7 12 46	9 7 10 - 11 42	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Drug Psychoses Drug Dependence	15 7 3 7 12 46	9 7 10 - 11 42 1992-93 - -	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total  Provincial Rate  Mental Hospital Separations Primary Diagnoses Drug Psychoses Drug Psychoses Drug Dependence Nondependent Abuse of Drugs  Total Provincial Rate	15 7 3 7 12 46	9 7 10 - 11 42 1992-93 - -	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Drug Psychoses Drug Psychoses Drug Dependence Nondependent Abuse of Drugs  Total Provincial Rate	15 7 3 7 12 46	9 7 10 - 11 42 1992-93 - -	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Drug Psychoses Drug Psychoses Drug Dependence Nondependent Abuse of Drugs  Total Provincial Rate  Mortality: From Drugs, Medicaments & Biologicals	15 7 3 7 12 46 1991-92	9 7 10 - 11 42 1992-93 - - -	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Drug Psychoses Drug Psychoses Drug Dependence Nondependent Abuse of Drugs  Total Provincial Rate  Mortality: From Drugs. Medicaments & Biologicals Accidental Poisoning	15 7 3 7 12 46	9 7 10 - 11 42 1992-93 - - - 1992	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Drug Psychoses Drug Psychoses Drug Dependence Nondependent Abuse of Drugs  Total Provincial Rate  Mortality: From Drugs, Medicaments & Biologicals Accidental Poisoning Suicide	15 7 3 7 12 46	9 7 10 - 11 42 1992-93 - - - - 1992	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2 1991-92	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Drug Psychoses Drug Psychoses Drug Dependence Nondependent Abuse of Drugs  Total Provincial Rate  Mortality: From Drugs, Medicaments & Biologicals Accidental Poisoning Suicide Undetermined	15 7 3 7 12 46 1991-92 - - - - - 1991	9 7 10 - 11 42 1992-93 - - - - 1992	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2 1991-92 - - - - 2.1	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0 1992-93 - - - 2.6
Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Drug Psychoses Drug Psychoses Drug Dependence Nondependent Abuse of Drugs  Total Provincial Rate  Mortality: From Drugs, Medicaments & Biologicals Accidental Poisoning Suicide	15 7 3 7 12 46	9 7 10 - 11 42 1992-93 - - - - 1992	3.0 22.2 10.4 4.4 10.4 17.8 68.1 75.2 1991-92	7.2 13.0 10.1 14.5 - 15.9 60.8 81.0

Rates per 100,000

1992

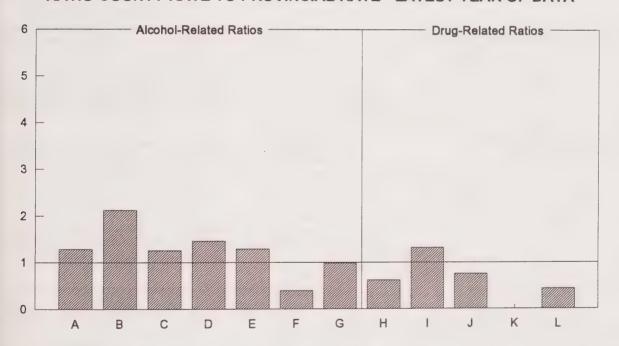
1991

#### BRUCE

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	nousands)			
0- 9	9.8	9.6	9.8	9.9	10.1	10.1	10.2
10-14	4.8	4.7	4.7	4.8	5.0	5.1	5.2
15-19	4.7	4.6	4.6	4.6	4.8	4.9	5.0
20-29	8.8	8.6	8.4	8.3	8.5	8.2	8.3
30-39	9.5	9.4	9.6	9.9	10.4	10.8	11.2
40-49	6.6	6.9	7.2	7.6	8.2	8.7	9.1
50-59	5.5	5.7	5.8	6.0	6.2	6.3	6.5
60-64	2.9	2.9	3.0	3.1	3.2	3.3	3.4
65-74	5.1	5.3	5.4	5.7	5.8	5.9	6.1
75+	3.4	3.6	3.8	3.9	4.0	4.1	4.2
Total population	61.1	61.4	62.4	63.8	66.2	67.5	69.1
Aged 15 and over	46.5	47.0	47.8	49.1	51.1	52.2	53.8
Aged 20 and over	41.8	42.4	43.2	44.5	46.3	47.3	48.8

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## COCHRANE

## ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

Consumption of Absolute Alcohol			1990-91		1990-91
		Numbe		Litres per per	
Litres			759,863	2	10.2
Estimated Low Risk Consumers			42.100	Rates per 100	
			42,100		56,434.3
Estimated Moderate Risk Consumers			11,800 5,300		15,817.7 7,104.6
Estimated High Risk Consumers			5,300		7,104.0
Legal Offences		1990	1993	1990	1993
Liquor Act		2,189	1,676	2,240.5	1,727.8
Impaired Operation Causing Death		-	-	-	-
Impaired Operation Causing Bodily Harr	n	5	3	5.1	3.1
Impaired Operation Over 80 mg%		474	352	485.2	362.9
Fail/Refuse to Provide Breath/Blood Sar	nple	23	28	23.5	28.9
	Total	2,691	2,059	2,754	2,122.7
				1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes		1991	1992	1991	1992
Resulting in Property Damage		56	79	57.5	81.4
Resulting in Personal Injury		46	38	47.2	39.2
Resultyng in Fatalities		4	2	4.1	2.1
	Total	106	119	108.8	122.7
Province	cial Rate		L	134.0	137.0
General Hospital Separations					
Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses		41	25	42.1	25.8
Alcohol Dependence Syndrome		122	66	125.3	60.0
Nondependent Abuse of Alcohol		27	31		
Chronic Liver Disease and Cirrhosis				27.7	32.0
		44	51	45.2	32.0 52.6
Toxic Effects of Alcohol		44	51	45.2 4.1	32.0 52.6 2.1
	Total	44	51	45.2 4.1 <b>244.4</b>	68.0 32.0 52.6 2.1 180.4
Province	Total	44	51	45.2 4.1	32.0 52.6 2.1 <b>180.4</b>
Province Secondary Diagnoses		44 4 238	51 2 175	45.2 4.1 <b>244.4</b> 101.1	32.0 52.6 2.1 180.4 93.1
Province Secondary Diagnoses Alcoholic Psychoses		44 4 238	51 2 175	45.2 4.1 <b>244.4</b> 101.1	32.0 52.6 2.1 180.4 93.1
Province Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome		44 4 238 14 172	51 2 175	45.2 4.1 <b>244.4</b> 101.1	32.0 52.6 2.1 180.4 93.1 20.6 191.8
Province Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		14 172 36	20 186 33	45.2 4.1 <b>244.4</b> 101.1 14.4 176.6 37.0	32.0 52.6 2.1 180.4 93.1 20.6 191.8 34.0
Province  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis		14 172 36 51	20 186 33 53	45.2 4.1 244.4 101.1 14.4 176.6 37.0 52.4	32.0 52.6 2.1 180.4 93.1 20.6 191.8 34.0 54.6
Province Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	cial Rate	14 172 36 51	20 186 33 53 1	45.2 4.1 244.4 101.1 14.4 176.6 37.0 52.4 1.0	32.0 52.6 2.1 180.4 93.1 20.6 191.8 34.0 54.6
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol		14 172 36 51	20 186 33 53	45.2 4.1 244.4 101.1 14.4 176.6 37.0 52.4	32.0 52.6 2.1
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	Total	14 172 36 51	20 186 33 53 1	45.2 4.1 244.4 101.1 14.4 176.6 37.0 52.4 1.0 281.3	32.0 52.6 2.1 180.4 93.1 20.6 191.8 34.0 54.6 1.0
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province Mental Hospital Separations Primary Diagnoses	Total	14 172 36 51	20 186 33 53 1	45.2 4.1 244.4 101.1 14.4 176.6 37.0 52.4 1.0 281.3	32.0 52.6 2.1 180.4 93.1 20.6 191.8 34.0 54.6 1.0
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	Total	14 172 36 51 1 274	20 186 33 53 1 293	45.2 4.1 244.4 101.1 14.4 176.6 37.0 52.4 1.0 281.3 190.9	32.0 52.6 2.1 180.4 93.1 20.6 191.8 34.0 54.6 1.0 302.1 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	Total	14 172 36 51 1 274	20 186 33 53 1 293	45.2 4.1 244.4 101.1 14.4 176.6 37.0 52.4 1.0 281.3 190.9	32.0 52.6 2.1 180.4 93.1 20.6 191.8 34.0 54.6 1.0 302.1 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	Total	14 172 36 51 1 274	20 186 33 53 1 293	45.2 4.1 244.4 101.1 14.4 176.6 37.0 52.4 1.0 281.3 190.9	32.0 52.6 2.1 180.4 93.1 20.6 191.8 34.0 54.6 1.0 302.1 189.2

Provincial Rate

8.5

7.4

## COCHRANE

#### **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	r	Rates per 1	00,000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	1	-	1.0	-
Alcohol Dependence Syndrome	4	3	4.1	3.1
Chronic Liver Disease and Cirrhosis	9	7	9.2	7.2
Total	al 14	10	14.4	10.3
Provincial Ra	ate		10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	117	106	120.2	109.7
Heroin	-	-	-	-
Cocaine	33	65	33.5	67.0
Other Drugs	4	4	4.1	3.9
Controlled Drugs	-	8	-	8.5
Restricted Drugs	4	7	3.7	7.0
Total	al 157	190	161.5	196.2
Provincial Ra	ate		200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	<b>1992-93</b>
Drug Psychoses	13	15	13.3	15.5
Drug Dependence	12	19	12.3	19.6
Nondependent Abuse of Drugs	6	11	6.2	11.3
Poisoning by Analgesics, Antipyretics	56	47	57.5	48.5
Poisoning by Sedatives and Hypnotics	13	8	13.3	8.2
Poisoning by Psychotropic Agents	34	28	34.9	28.9
Total	al 134	128	137.6	132.0
Provincial Ra	ate		67.0	63.6
Secondary Diagnoses				
Drug Psychoses	10	5	10.3	5.2
Drug Dependence	27	42	27.7	43.3
Nondependent Abuse of Drugs	38	50	39.0	51.5
Poisoning by Analgesics, Antipyretics	21	17	21.6	17.5
Poisoning by Sedatives and Hypnotics	6	2	6.2	2.1
Poisoning by Psychotropic Agents	15	13	15.4	13.4
Total		129	120.1	133.0
Provincial Ra	ate	L	75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93

D-1	Diamaga
Primarv	Diagnoses

Tillial y Diadiloses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

	1991-92	1992-93
	-	1
	-	-
	-	-
Total		1
<b>Provincial Rate</b>		

1991-92	1992-93
-	1.0
-	-
-	-
	1.0
2.1	2.6

## Mortality:

From Drugs, Medicaments & Biologicals

Accidental Poisoning Suicide Undetermined

actermined	Total
	Provincial Rate

	1991	1992
	-	-
	-	-
	1	-
	1	-
e		

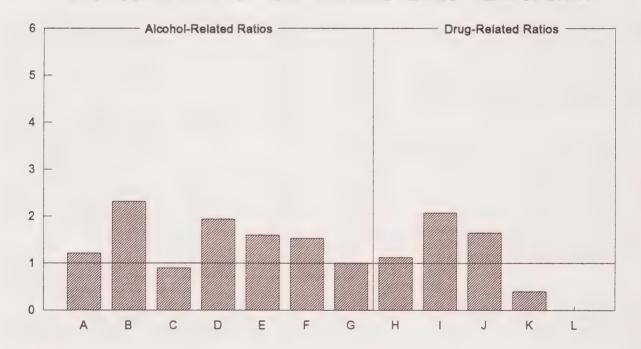
1992	1991
-	-
-	-
-	1.0
-	1.0
3.4	3.1

#### COCHRANE

#### ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in	thousands)			
0- 9	15.9	15.8	15.7	15.5	15.4	15.1	14.9
10-14	7.9	7.7	7.7	7.7	7.7	7.8	7.7
15-19	8.4	8.2	8.0	7.8	7.7	7.7	7.5
20-29	18.8	18.1	17.6	17.2	16.6	15.8	15.1
30-39	15.5	15.7	16.1	16.5	16.9	16.9	17.2
40-49	10.3	10.7	11.1	11.5	11.8	12.2	12.5
50-59	9.1	9.0	8.9	8.9	8.8	8.8	8.8
60-64	3.8	3.9	4.0	3.9	4.0	4.0	4.0
65-74	5.0	5.2	5.3	5.3	5.4	5.5	5.8
75+	3.2	3.2	3.3	3.4	3.4	3.5	3.5
Total population	97.9	97.3	97.5	97.6	97.7	97.4	97.0
Aged 15 and over	74.1	74.0	74.3	74.5	74.6	74.4	74.4
Aged 20 and over	65.7	65.8	66.3	66.7	66.9	66.7	66.9

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

## **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## DUFFERIN

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

Consumption of Absolute Alcohol		1990-91		1990-91
	Numbe		Litres per per	
Litres		291,447		9.5
Fatimated Law Biok Consumers		47,000	Rates per 100	
Estimated Low Risk Consumers Estimated Moderate Risk Consumers		17,200		56,209.2
Estimated Moderate Risk Consumers  Estimated High Risk Consumers		4,500 2,000		14,705.9
Esumated high rask Consumers		2,000		6,535.9
Legal Offences	1990	1993	1990	1993
Liquor Act	607	333	1,510.0	778.0
Impaired Operation Causing Death	-	1	-	2.3
Impaired Operation Causing Bodily Harm	2	-	5.0	-
Impaired Operation Over 80 mg%	166	149	412.9	348.1
Fail/Refuse to Provide Breath/Blood Sample	12	6	29.9	14.0
Total	787	489	1,958	1,142.5
			1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	37	44	89.4	102.8
Resulting in Personal Injury	30	39	72.5	91.1
Resulting in Fatalities	3	2	7.2	4.7
Total	70	85	169.1	198.6
Provincial Rate			134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	3	6 26	7.2	14.0 60.7
Alcohol Dependence Syndrome	18	5	43.5 12.1	11.7
Nondependent Abuse of Alcohol		17	29.0	39.7
Chronic Liver Disease and Cirrhosis	12	1	29.0	2.3
Toxic Effects of Alcohol Total	39	55	94.2	128.5
Provincial Rate	33	33	101.1	93.1
Provincial Rate			101.1	
Secondary Diagnoses			10171	
	3	3	7.2	7.0
Secondary Diagnoses	23	25	7.2 55.6	7.0 58.4
Secondary Diagnoses Alcoholic Psychoses	23	25 7	7.2 55.6 7.2	7.0 58.4 16.4
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	23	25	7.2 55.6	7.0 58.4
Secondary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	23 3 10	25 7 11	7.2 55.6 7.2 24.2	7.0 58.4 16.4 25.7
Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis	23 3 10	25 7 11	7.2 55.6 7.2	7.0 58.4 16.4
Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Total  Provincial Rate	23 3 10	25 7 11	7.2 55.6 7.2 24.2	7.0 58.4 16.4 25.7 -
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations	23 3 10 - 39	25 7 11 - 46	7.2 55.6 7.2 24.2	7.0 58.4 16.4 25.7 -
Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Total  Provincial Rate  Mental Hospital Separations  Primary Diagnoses	23 3 10	25 7 11	7.2 55.6 7.2 24.2 - 94.2 190.9	7.0 58.4 16.4 25.7 - 107.5 189.2
Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Total  Provincial Rate  Mental Hospital Separations  Primary Diagnoses  Alcoholic Psychoses	23 3 10 - 39	25 7 11 - 46	7.2 55.6 7.2 24.2 - 94.2 190.9	7.0 58.4 16.4 25.7 - 107.5 189.2
Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Total  Provincial Rate  Mental Hospital Separations  Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome	23 3 10 - 39	25 7 11 - 46	7.2 55.6 7.2 24.2 - 94.2 190.9	7.0 58.4 16.4 25.7 - 107.5 189.2
Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Total  Provincial Rate  Mental Hospital Separations  Primary Diagnoses  Alcoholic Psychoses	23 3 10 - 39	25 7 11 - 46	7.2 55.6 7.2 24.2 - 94.2 190.9	7.0 58.4 16.4 25.7 - 107.5 189.2

## **DUFFERIN**

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00,000
Mortality	1991	1992	1991	199
Alcohol Psychoses	-		-	
Alcohol Dependence Syndrome	-		-	
Chronic Liver Disease and Cirrhosis	5	5	12.1	11.
Total	5	5	12.1	11.
Provincial Rate			10.7	10.
RUG-RELATED OCCURRENCES		_		
Legal Offences	1991	1992	1991	199
Marijuana	46	33	110.3	78.
Heroin	-			
Cocaine	2	1	5.3	2
	8		19.3	
Other Drugs				
Controlled Drugs	-		*	40
Restricted Drugs	-	5	- 1010	12
Total	56	40	134.9	93
Provincial Rate		L	200.9	175
General Hospital Separations	4004.00	1000.00	4004.00	4000.0
Primary Diagnoses	1991-92	1992-93	1991-92	1992-9
Drug Psychoses	-	4	-	(
Drug Dependence	1		2.4	
Nondependent Abuse of Drugs	-	-	-	
Poisoning by Analgesics, Antipyretics	15	5	36.2	11
Poisoning by Sedatives and Hypnotics	-	2	-	4
Poisoning by Psychotropic Agents	14	15	33.8	35
Total	30	26	72.5	60
Provincial Rate			67.0	63
Secondary Diagnoses				
Drug Psychoses	-		_	
Drug Dependence	1	2	2.4	4
Nondependent Abuse of Drugs	4	7	9.7	16
Poisoning by Analgesics, Antipyretics	1	5	2.4	11
Poisoning by Sedatives and Hypnotics	-	1	-	2
Poisoning by Psychotropic Agents	5	6	12.1	14
Total	11	21	26.6	49
Provincial Rate			75.2	8
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-9
Drug Psychoses	-		-	
Drug Dependence	-	-	-	
Nondependent Abuse of Drugs	-	-	-	
Total	-	-	-	
Provincial Rate			2.1	2
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	19
Accidental Poisoning	100	-	-	
Suicide	-	1	-	2
Undetermined	-			

Undetermined

Total

**Provincial Rate** 

3.1

2.3

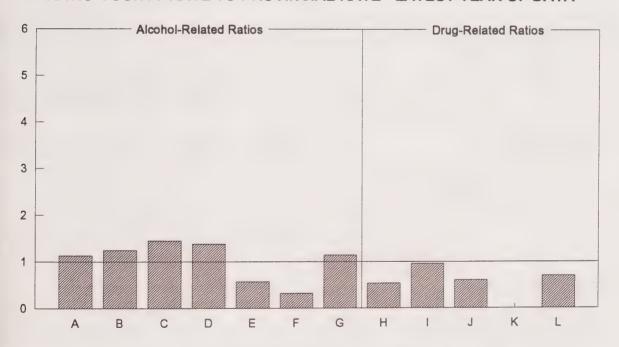
3.4

#### **DUFFERIN**

## **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
	(in thousands)						
0- 9	5.4	5.7	6.0	6.3	6.7	6.9	7.2
10-14	2.8	2.8	2.8	3.0	3.0	3.0	3.2
15-19	2.9	2.9	3.0	2.9	3.0	3.0	3.1
20-29	5.2	5.5	5.9	6.2	6.5	6.4	6.4
30-39	5.6	5.9	6.0	6.5	7.0	7.3	7.8
40-49	4.2	4.7	5.0	5.3	5.6	5.9	6.3
50-59	2.8	2.9	3.0	3.1	3.3	3.4	3.5
60-64	1.2	1.2	1.2	1.3	1.3	1.4	1.3
65-74	2.0	2.1	2.1	2.1	2.2	2.2	2.3
75+	1.4	1.5	1.5	1.6	1.7	1.8	1.8
Total population	33.6	35.0	36.8	38.3	40.2	41.4	42.8
Aged 15 and over	25.3	26.7	27.7	29.0	30.6	31.4	32.5
Aged 20 and over	22.4	23.8	24.7	26.1	27.6	28.4	29.4

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K Mental Primary Separations Drugs
- L. Drug-Related Deaths

## **DUNDAS, GLENGARRY and STORMONT**

## ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

Litres	Alexander			1990-9
Litres	Numbe		Litres per per	
		674,703		7.
			Rates per 100	,000 15+
Estimated Low Risk Consumers		55,600		63,542
Estimated Moderate Risk Consumers		9,900		11,314
Estimated High Risk Consumers		4,300		4,914.
<u>egal Offences</u>	1990	1993	1990	199
Liquor Act	1,000	628	898.5	549
Impaired Operation Causing Death	1	2	0.9	1
Impaired Operation Causing Bodily Harm	4	13	3.6	11
Impaired Operation Over 80 mg%	390	287	350.4	251
Fail/Refuse to Provide Breath/Blood Sample	29	19	26.1	16
·	otal 1,424	949	1,279	830
			1,383.1	919
			1,00011	
rivers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	84	104	74.7	91
Resulting in Personal Injury	81	117	72.1	102
Resulting in Fatalities	12	1	10.7	(
To	otal 177	222	157.5	194
Provincial F	Rate	L	134.0	137
Seneral Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-9
Alcoholic Psychoses	14	19	12.5	16
Alcohol Dependence Syndrome	68	68	60.5	59
Nondependent Abuse of Alcohol	19	14	16.9	1:
Chronic Liver Disease and Cirrhosis	28	37	24.9	3:
Toxic Effects of Alcohol	1	1	0.9	(
	tal 130	139	115.7	12
Provincial F			101.1	9:
Secondary Diagnoses				
Alcoholic Psychoses	15	16	13.3	1.
Alcohol Dependence Syndrome	131	146	116.5	12
Nondependent Abuse of Alcohol	24	22	21.4	1
Chronic Liver Disease and Cirrhosis	66	88	58.7	7
Toxic Effects of Alcohol	1	2	0.9	
	tal 237	274	210.9	239
Provincial F	Rate	L	190.9	189
	1991-92	4000.00	4004.00	4000
	100107	1992-93	1991-92	1992-9
Primary Diagnoses			0.0	
Alcoholic Psychoses	1	2	0.9	
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1 8	10	0.9 7.1	
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1			10

## **DUNDAS, GLENGARRY and STORMONT**

# ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

M	orta	<u>lli</u>	ty
		A	co

hol Psychoses Alcohol Dependence Syndrome Chronic Liver Disease and Cirrhosis

1 10 11 Total **Provincial Rate** 

1991

1992

7

9

Rates per 100,000			
1991	1992		
0.9	1.7		
-	-		
8.9	6.1		
9.8	7.9		
10.7	10.3		

#### DRUG-RELATED OCCURRENCES

#### Legal Offences

Marijuana Heroin Cocaine Other Drugs Controlled Drugs Restricted Drugs

	1991	1992
	36	51
	-	
	17	12
	3	5
	-	-
	2	1
Total	59	69
Provincial Rate		

1991	1992
32.3	44.4
-	-
15.5	10.7
2.7	4.5
-	-
2.1	1.2
52.6	60.8
200.9	175.3
2.1 52.6	1.2 60.8

## **General Hospital Separations**

**Primary Diagnoses** Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics... Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents

	1991-92	1992-93
	5	5
	12	20
	2	3
retics	25	29
onotics	4	3
nts	31	21
Total	79	81
Provincial Rate		

1991-92	1992-93
4.4	4.4
10.7	17.5
1.8	2.6
22.2	25.4
3.6	2.6
27.6	18.4
70.3	70.9
67.0	63.6

#### Secondary Diagnoses

Drug Psychoses Drug Dependence Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics... Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents

	2	1
	21	32
	30	31
retics	9	14
onotics	3	1
nts	23	19
Total	88	98
<b>Provincial Rate</b>		

1.8	0.9
18.7	28.0
26.7	27.1
8.0	12.2
2.7	0.9
20.5	16.6
78.3	85.7
75.2	81.0

## Mental Hospital Separations

**Primary Diagnoses** Drug Psychoses Drug Dependence Nondependent Abuse of Drugs

	1991-92	1992-93
	-	-
	2	1
	-	-
Total	2	1
Provincial Rate		

1991-92	1992-93
-	-
1.8	0.9
-	-
1.8	0.9
2.1	2.6

#### Mortality:

From Drugs, Medicaments & Biologicals

Accidental Poisoning Suicide

ľ	1991	1992
ı	1	-
ı	1	6
ı	-	-
	2	6
_		

1991	1992
0.9	-
0.9	5.2
	-
1.8	5.2
3.1	3.4

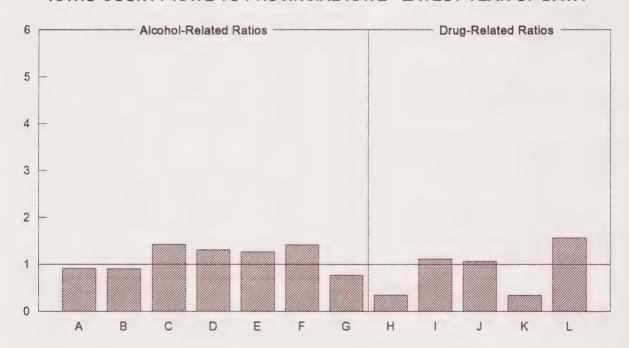
Undetermined

## **DUNDAS, GLENGARRY and STORMONT**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
_			(in t	housands)			
0- 9	14.9	15.0	15.2	15.7	15.8	16.0	16.3
10-14	7.8	7.9	7.8	7.7	7.9	7.9	7.8
15-19	8.1	7.8	7.7	7.7	7.8	8.0	8.3
20-29	17.7	17.7	17.5	17.2	16.5	15.9	15.7
30-39	15.9	16.3	16.7	17.3	17.6	18.2	18.8
40-49	11.8	12.4	13.1	13.6	14.2	14.7	15.2
50-59	10.4	10.4	10.4	10.4	10.5	10.7	10.8
60-64	5.3	5.3	5.3	5.4	5.4	5.3	5.3
65-74	8.3	8.3	8.6	8.8	9.0	9.2	9.4
75+	5.8	5.8	6.1	6.4	6.5	6.6	6.8
Total population	106.0	107.0	108.4	110.3	111.3	112.4	114.3
Aged 15 and over	83.3	84.0	85.4	86.8	87.5	88.6	90.3
Aged 20 and over	75.2	76.2	77.7	79.1	79.7	80.6	82.0

### RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# DURHAM (R.M.)

## ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

Consumption of Absolute Alcohol		1990-91		1990-91
_	Numbe		Litres per per	son 15+
Litres		2,589,691		8.2
Fatimeted Levy Biole Consumers		101 500] [	Rates per 100	
Estimated Low Risk Consumers		191,500		60,987.3
Estimated Moderate Risk Consumers		38,800		12,356.7
Estimated High Risk Consumers		17,000		5,414.0
Legal Offences	1990	1993	1990	1993
Liquor Act	1,961	779	476.5	178.1
Impaired Operation Causing Death	1	2	0.2	0.5
Impaired Operation Causing Bodily Harm	39	23	9.5	5.3
Impaired Operation Over 80 mg%	2,118	1,242	514.7	284.0
Fail/Refuse to Provide Breath/Blood Sample	187	119	45.4	27.2
Total	4,306	2,165	1,046	495.1
			1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	340	359	80.1	82.1
Resulting in Personal Injury	225	217	53.0	49.6
Resulting in Fatalities	9	12	2.1	2.7
Total	574	588	135.2	134.5
Provincial Rate			134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	46	35	10.8	8.0
Alcohol Dependence Syndrome	127	90	29.9	20.6
Nondependent Abuse of Alcohol	20	18	4.7	4.4
				4.1
Chronic Liver Disease and Cirrhosis	131	133	30.9	30.4
	131 15	133	30.9 3.5	30.4 1.8
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total	131	133	30.9 3.5 <b>79.9</b>	30.4 1.8 <b>64.9</b>
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	131 15	133	30.9 3.5	30.4 1.8
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total  Provincial Rate  Secondary Diagnoses	131 15 339	133 8 <b>284</b>	30.9 3.5 79.9 101.1	30.4 1.8 <b>64.9</b> 93.1
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total  Provincial Rate  Secondary Diagnoses Alcoholic Psychoses	131 15 339	133 8 <b>284</b>	30.9 3.5 79.9 101.1	30.4 1.8 <b>64.9</b> <b>93.1</b>
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total  Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	131 15 339 34 34	133 8 284 35 313	30.9 3.5 79.9 101.1	30.4 1.8 <b>64.9</b> <b>93.1</b> 8.0 71.6
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total  Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	131 15 339 34 347 41	133 8 284 254 35 313 55	30.9 3.5 79.9 101.1 8.0 81.8 9.7	30.4 1.8 <b>64.9</b> <b>93.1</b> 8.0 71.6 12.6
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total  Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	131 15 339 34 347 41 163	35 313 55 183	30.9 3.5 79.9 101.1 8.0 81.8 9.7 38.4	30.4 1.8 64.9 93.1 8.0 71.6 12.6 41.8
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total  Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	34 347 41 163 6	133 8 284 284 35 313 55 183 8	30.9 3.5 79.9 101.1 8.0 81.8 9.7 38.4 1.4	30.4 1.8 64.9 93.1 8.0 71.6 12.6 41.8 1.8
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total  Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	131 15 339 34 347 41 163	35 313 55 183	30.9 3.5 79.9 101.1 8.0 81.8 9.7 38.4	30.4 1.8 64.9 93.1 8.0 71.6 12.6 41.8
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	34 34 347 41 163 6 591	35 313 55 183 8 594	30.9 3.5 79.9 101.1 8.0 81.8 9.7 38.4 1.4 139.3 190.9	8.0 71.6 12.6 41.8 135.8 189.2
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total  Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total	34 347 41 163 6	133 8 284 284 35 313 55 183 8 594	30.9 3.5 79.9 101.1 8.0 81.8 9.7 38.4 1.4 139.3 190.9	30.4 1.8 64.9 93.1 8.0 71.6 12.6 41.8 1.8
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses	34 34 347 41 163 6 591	133 8 284 284 35 313 55 183 8 594	30.9 3.5 79.9 101.1 8.0 81.8 9.7 38.4 1.4 139.3 190.9	8.0 71.6 12.6 41.8 135.8 189.2
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	131 15 339 34 347 41 163 6 591	133 8 284 284 35 313 55 183 8 594	30.9 3.5 79.9 101.1 8.0 81.8 9.7 38.4 1.4 139.3 190.9	8.0 71.6 12.6 41.8 135.8 189.2
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses	131 15 339 34 347 41 163 6 591	133 8 284 284 35 313 55 183 8 594 1992-93 3 9 6	30.9 3.5 79.9 101.1 8.0 81.8 9.7 38.4 1.4 139.3 190.9	30.4 1.8 64.9 93.1 8.0 71.6 12.6 41.8 1.8 1.35.8 189.2
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcohol Dependence Syndrome	131 15 339 34 347 41 163 6 591	133 8 284 284 35 313 55 183 8 594	30.9 3.5 79.9 101.1 8.0 81.8 9.7 38.4 1.4 139.3 190.9	8.0 71.6 12.6 41.8 135.8 189.2

## DURHAM (R.M.)

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

Г	Numbe		Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	1	-	0.2
Alcohol Dependence Syndrome	7	10	1.6	2.3
Chronic Liver Disease and Cirrhosis	28	28	6.6	6.4
Total	35	39	8.2	8.9
Provincial Rate	33	33	10.7	10.3
DRUG-RELATED OCCURRENCES		_	10.7	10.5
_				******
Legal Offences	1991	1992	1991	1992
Marijuana	420	558	99.0	127.6
Heroin	1	3	0.3	0.7
Cocaine	85	108	20.0	24.7
Other Drugs	4	14	0.9	3.2
Controlled Drugs	-	33	-	7.5
Restricted Drugs	18	22	4.2	5.0
Total	529	738	124.5	168.7
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	9	11	2.1	2.5
Drug Dependence	28	35	6.6	8.0
Nondependent Abuse of Drugs	9	10	2.1	2.3
Poisoning by Analgesics, Antipyretics	79	80	18.6	18.3
Poisoning by Sedatives and Hypnotics	10	25	2.4	5.7
Poisoning by Psychotropic Agents	61	72	14.4	16.5
Total	196	233	46.2	53.3
Provincial Rate	130	255	67.0	63.6
Flovincial Nate		_	07.0	03.0
Secondary Diagnoses				
Drug Psychoses	5	17	1.2	3.9
Drug Dependence	48	46	11.3	10.5
Nondependent Abuse of Drugs	59	62	13.9	14.2
Poisoning by Analgesics, Antipyretics	49	58	11.5	13.3
Poisoning by Sedatives and Hypnotics	9	19	2.1	4.3
Poisoning by Psychotropic Agents	55	76	13.0	17.4
Total	225	278	53.0	63.6
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1	1	0.2	0.2
Drug Dependence	2	-	0.5	- 0.2
Nondependent Abuse of Drugs	1		0.2	
Total	4	1	0.9	0.2
Provincial Rate			2.1	2.6
BB and a lide or				
Mortality:	4004	4000	4004	4000
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	10	4	2.4	0.9
Suicide	4	5	0.9	1.1

Undetermined

14

Total

**Provincial Rate** 

3.4

3.3

3.1

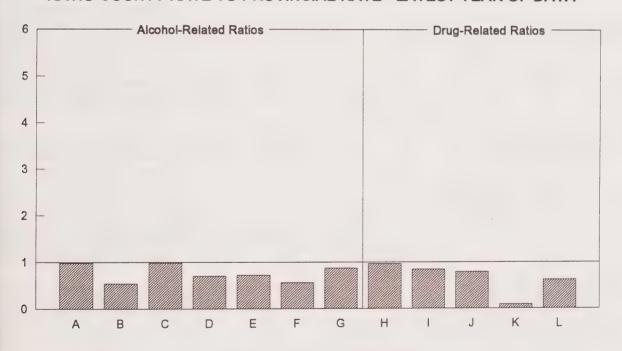
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## DURHAM (R.M.)

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
	(in thousands)						
0- 9	53.6	56.9	61.5	65.6	68.5	71.0	73.3
10-14	25.6	26.2	27.1	28.4	29.1	30.1	30.9
15-19	25.9	26.2	27.3	28.0	28.5	28.9	29.6
20-29	61.8	64.4	67.5	70.9	70.9	70.1	68.2
30-39	61.2	64.4	69.0	74.9	78.6	82.3	86.8
40-49	41.1	45.0	49.1	53.0	56.2	59.5	62.6
50-59	29.6	30.4	31.4	32.7	33.5	34.5	35.7
60-64	12.4	12.9	13.4	13.9	14.1	14.3	14.6
65-74	15.9	16.8	17.9	18.9	20.1	21.2	22.4
75+	10.2	10.6	11.1	11.6	12.1	12.6	13.2
Total population	337.3	353.7	375.3	397.9	411.5	424.4	437.3
Aged 15 and over	258.1	270.7	286.7	303.9	314.0	323.4	333.1
Aged 20 and over	232.2	244.5	259.4	275.9	285.5	294.5	303.5

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## ELGIN

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

Consumption of Absolute Alcohol	A1	1990-91		1990-91
Library	Numbe	405,988	Litres per pe	6.7
Litres		405,966	Rates per 100	
Estimated Low Risk Consumers		40,600	rates per 100	67,218.5
Estimated Moderate Risk Consumers		5,700		9,437.1
Estimated High Risk Consumers		2,400		3,973.5
egal Offences	1990	1993	1990	1993
Liquor Act	1,129	834	1,460.5	1,057.0
Impaired Operation Causing Death	-	-	-	•
Impaired Operation Causing Bodily Harm	2	2	2.6	2.5
Impaired Operation Over 80 mg%	313	198	404.9	251.0
Fail/Refuse to Provide Breath/Blood Sample	22	15	28.5	19.0
Total	1,466	1,049	1,897 1,383.1	1,329.5 919.1
			1,303.1	313.1
rivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	51	53	65.3	67.2
Resulting in Personal Injury	62	65	79.4	82.4
Resulting in Fatalities	7	5	9.0	6.3
Total Provincial Rate	120	123	153.6 134.0	155.9 137.0
eneral Hospital Separations	4004.00	4000 00 1	***************************************	
Primary Diagnoses Alcoholic Psychoses	1991-92	<b>1992-93</b> 5	1991-92	1992-93
Alcohol Dependence Syndrome	24	18	5.1 30.7	6.3 22.8
Nondependent Abuse of Alcohol	29	18	37.1	22.8
Chronic Liver Disease and Cirrhosis	42	38	53.8	48.2
Toxic Effects of Alcohol	8	7	10.2	8.9
Total	107	86	137.0	109.0
Provincial Rate			101.1	93.1
Secondary Diagnoses			40.0	
Alcoholic Psychoses	8	9	10.2	11.4
Alcoholic Psychoses Alcohol Dependence Syndrome	57	69	73.0	87.5
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	57 25	69 32	73.0 32.0	87.5 40.6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	57 25 45	69 32 37	73.0 32.0 57.6	87.5 40.6 46.9
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	57 25 45 2	69 32 37 2	73.0 32.0 57.6 2.6	87.5 40.6 46.9 2.5
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	57 25 45	69 32 37	73.0 32.0 57.6	87.5 40.6 46.9
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	57 25 45 2 137	69 32 37 2 149	73.0 32.0 57.6 2.6 175.4 190.9	87.5 40.6 46.9 2.5 188.8 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate    Intelligence	57 25 45 2 137	69 32 37 2 149	73.0 32.0 57.6 2.6 175.4	87.5 40.6 46.9 2.5 188.8 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  lental Hospital Separations Primary Diagnoses Alcoholic Psychoses	57 25 45 2 137	69 32 37 2 149	73.0 32.0 57.6 2.6 175.4 190.9	87.5 40.6 46.9 2.5 188.8 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  lental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	57 25 45 2 137 1991-92	69 32 37 2 149	73.0 32.0 57.6 2.6 175.4 190.9	87.5 40.6 46.9 2.5 188.8 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate    Interpretable   Interpret	57 25 45 2 137	69 32 37 2 149	73.0 32.0 57.6 2.6 175.4 190.9	87.5 40.6 46.9 2.5 188.8 189.2

## **ELGIN**

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

		Rates per 1	00,000
1991	1992	1991	1992
1	-	1.3	-
1	3	1.3	3.8
6		7.7	7.6
	9	10.2	11.4
ate		10.7	10.3
1991	1992	1991	1992
157	103	200.9	130.2
-	-	-	-
7	-	8.4	-
1	5	1.3	6.5
-	-	-	-
2	5	3.1	6.9
al 167	113	213.6	143.6
ite		200.9	175.3
1991-92	1992-93	1991-92	1992-93
1	1		1.3
2	1	2.6	1.3
-	-	-	-
34	30	43.5	38.0
4		5.1	10.1
30	25	38.4	31.7
71	65	90.9	82.4
te		67.0	63.6
3	1	3.8	1.3
	9	6.4	11.4
20	16	25.6	20.3
		0.0	7.6
7	6	9.0	7.0
7	1	1.3	1.3
1	1	1.3	1.3
1 14	1 10	1.3 17.9	1.3 12.7
1 14 150	1 10	1.3 17.9 <b>64.0</b>	1.3 12.7 <b>54.5</b>
1 14 150	1 10	1.3 17.9 <b>64.0</b>	1.3 12.7 <b>54.5</b>
	1991   1   1   6   6   8   1   1   1   6   6   6   6   6   6   6	1	1991 1992 1991 1.3 1.3 1.3 6 6 6 6 7.7 at 8 9 10.2 at e 10.7    1991 1992 1992 1991 200.9    1991 1992 1992 1991 200.9    1991 1992 1992 1993 1991 200.9    1991 1991 1992 1992 1993 1991 1 1 1 2 1 2 1 2 6 1 2 6 1 1 1 2 6 1 1 1 2 1 2

A A	_	-4-	п	24	_	
VI	О	rta	Ш	п	N	۲.

From Drugs, Medicaments & Biologicals

Accidental Poisoning

Drug Dependence

Nondependent Abuse of Drugs

Suicide

Undetermined

iologicals	1991	1992
	-	-
	4	1
	-	-
Total	4	1
Provincial Rate		

8

1991	1992
•	-
5.1	1.3
_	-
5.1	1.3
3.1	3.4

9.0

10.2

2.1

6

7.6

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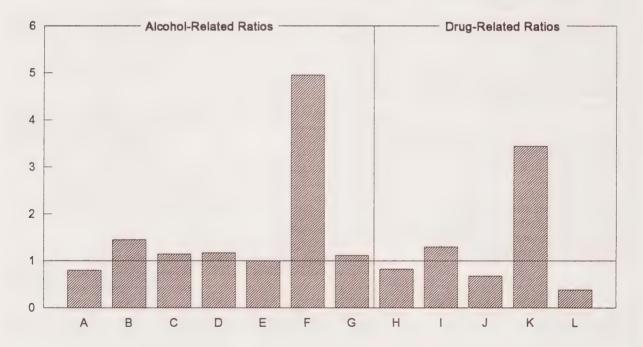
Total

Provincial Rate

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in	thousands)			
0- 9	10.4	10.6	10.9	11.3	11.5	11.6	11.8
10-14	5.6	5.5	5.4	5.5	5.6	5.6	5.6
15-19	6.0	5.9	5.8	5.7	5.8	5.8	5.8
20-29	11.8	11.9	11.9	11.9	12.0	11.5	11.4
30-39	10.7	10.8	11.1	11.5	12.0	12.3	12.6
40-49	8.2	8.7	9.1	9.4	9.8	10.0	10.2
50-59	6.7	6.7	6.6	6.8	6.9	7.0	7.2
60-64	3.6	3.5	3.5	3.4	3.4	3.4	3.4
65-74	5.5	5.7	5.8	5.9	6.0	6.1	6.1
75+	4.1	4.2	4.2	4.3	4.5	4.6	4.7
Total population	72.6	73.5	74.2	75.7	77.3	78.1	78.9
Aged 15 and over	56.6	57.4	58.0	58.9	60.4	60.7	61.4
Aged 20 and over	50.6	51.5	52.2	53.2	54.6	54.9	55.6

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## **ESSEX**

## **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol		1990-91		1990-91
	Numbe		Litres per per	
Litres	Italiibe	2,122,193	Littles per per	7.9
		2,122,195	Rates per 100	
Estimated Low Risk Consumers		166,700	rates per 100	
Estimated Moderate Risk Consumers		31,200		62,131.9
Estimated High Risk Consumers				11,628.8
Estimated Flight Nisk Consumers		13,600		5,069.0
Legal Offences	1990	1993	1990	1993
Liquor Act	2,430	2,979	719.4	869.5
Impaired Operation Causing Death	1	2,0,0	0.3	- 000.0
Impaired Operation Causing Bodily Harm	30	7	8.9	2.0
Impaired Operation Over 80 mg%	648	987	191.8	288.1
Fail/Refuse to Provide Breath/Blood Sample	65	41	19.2	12.0
Total	3,174			
Total	3,174	4,014	940	1,171.6
		L	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	292	343	86.1	100.1
Resulting in Personal Injury	233	262	68.7	76.5
	8			3.2
Resulting in Fatalities		11	2.4	
Total	533	616	157.1	179.8
Provincial Rate	!	L	134.0	137.0
General Hospital Separations				
General Hospital Separations	1001.02	1002.03	1001.02	1002.03
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Primary Diagnoses Alcoholic Psychoses	37	36	10.9	10.5
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome	37 121	36 106	10.9 35.7	10.5 30.9
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	37 121 23	36 106 33	10.9 35.7 6.8	10.5 30.9 9.6
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis	37 121 23 118	36 106 33 116	10.9 35.7 6.8 34.8	10.5 30.9 9.6 33.9
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	37 121 23 118 10	36 106 33 116 14	10.9 35.7 6.8 34.8 2.9	10.5 30.9 9.6 33.9 4.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total	37 121 23 118 10 309	36 106 33 116	10.9 35.7 6.8 34.8 2.9 <b>91.1</b>	10.5 30.9 9.6 33.9 4.1 <b>89.0</b>
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	37 121 23 118 10 309	36 106 33 116 14	10.9 35.7 6.8 34.8 2.9	10.5 30.9 9.6 33.9 4.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses	37 121 23 118 10 309	36 106 33 116 14	10.9 35.7 6.8 34.8 2.9 91.1 101.1	10.5 30.9 9.6 33.9 4.1 89.0 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	37 121 23 118 10 309	36 106 33 116 14 305	10.9 35.7 6.8 34.8 2.9 91.1 101.1	10.5 30.9 9.6 33.9 4.1 89.0 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses	37 121 23 118 10 309	36 106 33 116 14 305	10.9 35.7 6.8 34.8 2.9 91.1 101.1	10.5 30.9 9.6 33.9 4.1 89.0 93.1
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Total  Provincial Rate  Secondary Diagnoses  Alcoholic Psychoses	37 121 23 118 10 309	36 106 33 116 14 305	10.9 35.7 6.8 34.8 2.9 91.1 101.1	10.5 30.9 9.6 33.9 4.1 89.0 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	37 121 23 118 10 309	36 106 33 116 14 305	10.9 35.7 6.8 34.8 2.9 91.1 101.1	10.5 30.9 9.6 33.9 4.1 89.0 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	37 121 23 118 10 309	36 106 33 116 14 305	10.9 35.7 6.8 34.8 2.9 91.1 101.1 11.5 134.7 18.0 72.8 1.8	10.5 30.9 9.6 33.9 4.1 89.0 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	37 121 23 118 10 309 39 457 61 247	36 106 33 116 14 305	10.9 35.7 6.8 34.8 2.9 91.1 101.1 11.5 134.7 18.0 72.8	10.5 30.9 9.6 33.9 4.1 89.0 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	37 121 23 118 10 309 39 457 61 247 6	36 106 33 116 14 305	10.9 35.7 6.8 34.8 2.9 91.1 101.1 11.5 134.7 18.0 72.8 1.8	10.5 30.9 9.6 33.9 4.1 89.0 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	37 121 23 118 10 309 39 457 61 247 6 810	36 106 33 116 14 305	10.9 35.7 6.8 34.8 2.9 91.1 101.1 11.5 134.7 18.0 72.8 1.8 238.8 190.9	10.5 30.9 9.6 33.9 4.1 89.0 93.1 12.8 129.0 32.4 75.6 0.6 250.4 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations	37 121 23 118 10 309 39 457 61 247 6	36 106 33 116 14 305	10.9 35.7 6.8 34.8 2.9 91.1 101.1 11.5 134.7 18.0 72.8 1.8 238.8 190.9	10.5 30.9 9.6 33.9 4.1 89.0 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses	37 121 23 118 10 309 39 457 61 247 6 810	36 106 33 116 14 305	10.9 35.7 6.8 34.8 2.9 91.1 101.1 11.5 134.7 18.0 72.8 1.8 238.8 190.9	10.5 30.9 9.6 33.9 4.1 89.0 93.1 12.8 129.0 32.4 75.6 0.6 250.4 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	37 121 23 118 10 309 39 457 61 247 6 810	36 106 33 116 14 305 44 442 111 259 2 858	10.9 35.7 6.8 34.8 2.9 91.1 101.1 11.5 134.7 18.0 72.8 1.8 238.8 190.9	10.5 30.9 9.6 33.9 4.1 89.0 93.1 12.8 129.0 32.4 75.6 0.6 250.4 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome	37 121 23 118 10 309 39 457 61 247 6 810	36 106 33 116 14 305 44 442 111 259 2 858	10.9 35.7 6.8 34.8 2.9 91.1 101.1 11.5 134.7 18.0 72.8 1.8 238.8 190.9	10.5 30.9 9.6 33.9 4.1 89.0 93.1 12.8 129.0 32.4 75.6 0.6 250.4 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	37 121 23 118 10 309 39 457 61 247 6 810	36 106 33 116 14 305 44 442 111 259 2 858	10.9 35.7 6.8 34.8 2.9 91.1 101.1 11.5 134.7 18.0 72.8 1.8 238.8 190.9	10.5 30.9 9.6 33.9 4.1 89.0 93.1 12.8 129.0 32.4 75.6 0.6 250.4 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome	37 121 23 118 10 309 39 457 61 247 6 810	36 106 33 116 14 305 44 442 111 259 2 858	10.9 35.7 6.8 34.8 2.9 91.1 101.1 11.5 134.7 18.0 72.8 1.8 238.8 190.9	10.5 30.9 9.6 33.9 4.1 89.0 93.1 12.8 129.0 32.4 75.6 0.6 250.4 189.2

## **ESSEX**

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Normalia		Deter nor 4	00.000
Mantalita	Number 1991	1992	Rates per 1	1992
Mortality Aleghal Payahagas		1992	0.3	0.3
Alcohol Psychoses Alcohol Dependence Syndrome	1 6	6	1.8	1.8
Chronic Liver Disease and Cirrhosis	31	33	9.1	9.6
Tota		40	11.2	11.7
Provincial Ra		40	10.7	10.3
DRUG-RELATED OCCURRENCES		_	10.7	10.0
Legal Offences	1991	1992	1991	1992
Marijuana	358	394	105.6	114.9
Heroin	-	3	-	0.9
Cocaine	94	69	27.6	20.0
Other Drugs	45	10	13.3	3.0
Controlled Drugs	7	25	2.1	7.2
Restricted Drugs	16	8	4.6	2.4
Total		508	153.1	148.4
Provincial Ra		555	200.9	175.3
Canaral Hannital Canarations		_		
General Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	12	1992-93	3.5	5.5
Drug Dependence	39	39	11.5	11.4
Nondependent Abuse of Drugs	14	18	4.1	5.3
Poisoning by Analgesics, Antipyretics	70	49	20.6	14.3
Poisoning by Sedatives and Hypnotics	33	31	9.7	9.0
Poisoning by Psychotropic Agents	65	75	19.2	21.9
Total		231	68.7	67.4
Provincial Rat		251	67.0	63.6
Canandam Diamagas				
Secondary Diagnoses Drug Psychoses	8	23	2.4	6.7
Drug Dependence	80	88	23.6	25.7
Nondependent Abuse of Drugs	52	130	15.3	37.9
Poisoning by Analgesics, Antipyretics	68	79	20.0	23.1
Poisoning by Arialgesics, Antipyretics Poisoning by Sedatives and Hypnotics	35	27	10.3	7.9
Poisoning by Psychotropic Agents	73	71	21.5	20.7
Total		418	93.2	122.0
Provincial Rat		410	75.2	81.0
Mantal Hagnital Congretions				
Mental Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	1	-	0.3
Drug Dependence	2	14	0.6	4.1
Nondependent Abuse of Drugs	-	-	-	-
Total	2	15	0.6	4.4
Provincial Rat			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	7	7	2.1	2.0
Cutatala	7	2	2.1	0.0

Undetermined

Suicide

Total

**Provincial Rate** 

7

1

15

2.1

0.3

4.4

3.1

0.9

0.9

3.8

3

3

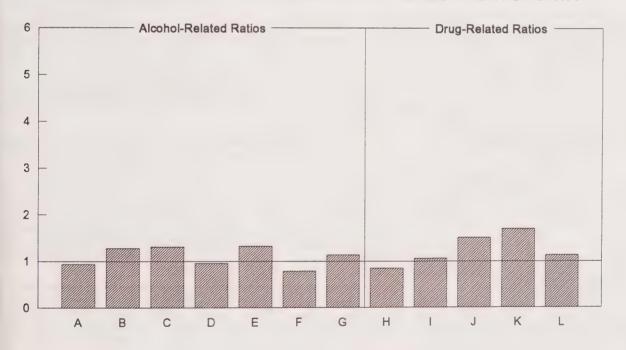
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#### **ESSEX**

### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
	(in thousands)						
0- 9	44.4	44.6	44.9	45.4	46.0	46.5	47.1
10-14	24.2	23.7	23.5	23.6	23.5	23.3	23.3
15-19	27.1	26.7	26.3	26.0	25.7	25.1	24.9
20-29	59.7	59.6	58.6	58.1	57.4	56.1	55.5
30-39	50.0	50.8	51.6	52.6	53.8	54.7	55.5
40-49	36.2	38.0	39.5	41.3	42.7	44.1	45.6
50-59	32.2	31.7	31.6	31.4	31.3	31.3	31.7
60-64	15.9	16.1	16.0	15.8	15.7	15.5	15.3
65-74	21.7	22.6	23.3	24.0	24.7	25.4	26.2
75+	16.1	16.3	16.5	16.6	17.0	17.2	17.5
Total population	327.6	330.2	331.8	334.9	337.8	339.2	342.6
Aged 15 and over	258.9	261.8	263.4	265.8	268.3	269.4	272.2
Aged 20 and over	231.8	235.1	237.1	239.8	242.6	244.3	247.3

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## **FRONTENAC**

## ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol		1990-91		1990-91
	Numi		Litres per per	
Litres		1,039,061		9.7
			Rates per 100	<del> </del>
Estimated Low Risk Consumers		58,100		54,451.7
Estimated Moderate Risk Consumers		16,200		15,182.8
Estimated High Risk Consumers		7,300		6,841.6
egal Offences	1990	1993	1990	1993
Liquor Act	877	625	667.4	462.3
Impaired Operation Causing Death	-	1	-	0.
Impaired Operation Causing Bodily Harm	2	-	1.5	
Impaired Operation Over 80 mg%	335	331	254.9	244.
Fail/Refuse to Provide Breath/Blood Samp	le 8	14	6.1	10.
	Total 1,222	971	930	718.
			1,383.1	919.
Privers in Alcohol-Related Traffic Crashes	1991	1992	1991	199
Resulting in Property Damage	109	109	81.4	80.
Resulting in Personal Injury	104	94	77.7	69.
Resulting in Fatalities	4	4	3.0	3.
	Total 217	207	162.1	153.
Provincia	- L P) - A -			100
Province	al Rate	L	134.0	137.0
	ai Kate	L	134.0	137.
General Hospital Separations		1992-93		
General Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-9
Seneral Hospital Separations Primary Diagnoses Alcoholic Psychoses	1991-92 17	21	<b>1991-92</b> 12.7	<b>1992-9</b>
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92 17 77	21 50	1991-92 12.7 57.5	<b>1992-9</b> : 15. 37.
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1991-92 17 77 10	21 50 12	1991-92 12.7 57.5 7.5	<b>1992-9</b> : 15. 37. 8.
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92 17 77 10 28	21 50 12 31	1991-92 12.7 57.5 7.5 20.9	<b>1992-9</b> : 15. 37. 8.
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	1991-92 17 77 10 28 6	21 50 12 31 3	1991-92 12.7 57.5 7.5 20.9 4.5	1992-9: 15. 37. 8. 22.
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	1991-92 17 77 10 28 6 Total 138	21 50 12 31	1991-92 12.7 57.5 7.5 20.9	1992-93 15. 37. 8. 22. 2. 86.
General Hospital Separations  Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincia	1991-92 17 77 10 28 6 Total 138	21 50 12 31 3 117	1991-92 12.7 57.5 7.5 20.9 4.5	1992-93 15. 37. 8. 22. 2.
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses	1991-92   17   17   77   10   28   6   Total 138   al Rate	21 50 12 31 3 117	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1	1992-9: 15. 37. 8. 22. 2. 86. 93.
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92   17   17   77   10   28   6   Total 138   al Rate	21 50 12 31 3 117	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1	1992-9: 15. 37. 8. 22. 2. 86. 93.
General Hospital Separations  Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincia  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol	1991-92   17   17   77   10   28   6   138   al Rate   20   203   86	21 50 12 31 3 117	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1	1992-9: 15. 37. 8. 22. 2. 86. 93.
Alcoholic Psychoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	1991-92 17 77 10 28 6 Total 138 al Rate	21 50 12 31 3 117	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1	1992-9: 15. 37. 8. 22. 2. 86. 93.
General Hospital Separations  Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincia  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol	1991-92 17 77 10 28 6 Total 138 al Rate  20 203 86 62 3	21 50 12 31 3 117	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1	1992-93 15. 37. 8. 22. 2. 86. 93.
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	1991-92 17 77 10 28 6 Total 138 al Rate  20 203 86 62 3 Total 374	21 50 12 31 3 117	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1 14.9 151.6 64.2 46.3 2.2 279.3	1992-93 15. 37. 8. 22. 2. 86. 93. 14. 135. 62. 56.
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	1991-92 17 77 10 28 6 Total 138 al Rate  20 203 86 62 3 Total 374	21 50 12 31 3 117	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1	1992-93 15. 37. 8. 22. 2. 86. 93. 14. 135. 62. 56.
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations	1991-92 17 77 10 28 6 Total 138 al Rate  20 203 86 62 3 Total 374 al Rate	21 50 12 31 3 117	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1 14.9 151.6 64.2 46.3 2.2 279.3 190.9	1992-93 15. 37. 8. 22. 2. 86. 93. 14. 135. 62. 56. 1. 270. 189.
Seneral Hospital Separations  Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincia  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincia  Mental Hospital Separations  Primary Diagnoses	1991-92 17 77 10 28 6 Total 138 al Rate  20 203 86 62 3 Total 374 al Rate	21 50 12 31 3 117 19 183 85 76 2 365	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1 14.9 151.6 64.2 46.3 2.2 279.3 190.9	1992-93 15. 37. 8. 22. 2. 86. 93. 14. 135. 62. 56. 1. 270. 189.
Seneral Hospital Separations  Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincia  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincia  Mental Hospital Separations  Primary Diagnoses  Alcoholic Psychoses	1991-92 17 77 10 28 6 Total 138 al Rate  20 203 86 62 3 Total 374 al Rate	21 50 12 31 3 117 19 183 85 76 2 365	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1 14.9 151.6 64.2 46.3 2.2 279.3 190.9	1992-93 15. 37. 8. 22. 2. 86. 93. 14. 135. 62. 56. 1. 270. 189.
Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92 17 77 10 28 6 Total 138 al Rate  20 203 86 62 3 Total 374 al Rate  1991-92 4 22	21 50 12 31 3 117 19 183 85 76 2 365	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1 14.9 151.6 64.2 46.3 2.2 279.3 190.9	1992-93 15. 37. 8. 22. 2. 86. 93.  14. 135. 62. 56. 1. 270. 189.
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Provincia  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcoholic Psychoses Alcoholic Psychoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1991-92 17 77 10 28 6 Total 138 al Rate  20 203 86 62 3 Total 374 al Rate	21 50 12 31 3 117 19 183 85 76 2 365	1991-92 12.7 57.5 7.5 20.9 4.5 103.1 101.1 14.9 151.6 64.2 46.3 2.2 279.3 190.9	1992-93 15. 37. 8. 22. 2. 86. 93.  14. 135. 62. 56. 1. 270. 189.

## **FRONTENAC**

## ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

	Numbe		Rates per 1	
Mortality	1991	1992	1991	1992
Alcohol Psychoses	1	2	0.7	1.5
Alcohol Dependence Syndrome	6	3	4.5	2.2
Chronic Liver Disease and Cirrhosis	6	2	4.5	1.5
Tota		7	9.7	5.2
Provincial Ra	te	L	10.7	10.3
RUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	174	246	130.3	182.1
Heroin	7	28	5.3	20.9
Cocaine	46	85	34.1	62.6
Other Drugs	31	11	23.2	8.5
Controlled Drugs	7	58	5.2	42.7
Restricted Drugs	6	12	4.5	9.1
Tota		441	202.5	325.8
Provincial Ra	te		200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	5	4	3.7	3.0
Drug Dependence	14	11	10.5	8.1
Nondependent Abuse of Drugs	19	12	14.2	8.9
Poisoning by Analgesics, Antipyretics	32	35	23.9	25.9
Poisoning by Sedatives and Hypnotics	6	4	4.5	3.0
Poisoning by Psychotropic Agents	40	41	29.9	30.3
Total	116	107	86.6	79.1
Provincial Rate	te		67.0	63.6
Secondary Diagnoses				
Drug Psychoses	11	14	8.2	10.4
Drug Dependence	49	29	36.6	21.4
Nondependent Abuse of Drugs	40	34	29.9	25.1
Poisoning by Analgesics, Antipyretics	17	22	12.7	16.3
Poisoning by Sedatives and Hypnotics	4	8	3.0	5.9
Poisoning by Psychotropic Agents	29	39	21.7	28.8
Total	150	146	112.0	108.0
Provincial Rat	e		75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	4	-	3.0
Drug Dependence	2	9	1.5	6.7
Nondependent Abuse of Drugs	1	3	0.7	2.2

Mortality:

From Drugs, Medicaments & Biologicals

Accidental Poisoning

Suicide

Undetermined

iologicals	1991	1992
	-	3
	5	4
	-	1
Total	5	8

3

16

1991	1992
-	2.2
3.7	3.0
-	0.7
3.7	5.9
3.1	3.4

2.2

2.1

11.8

Total

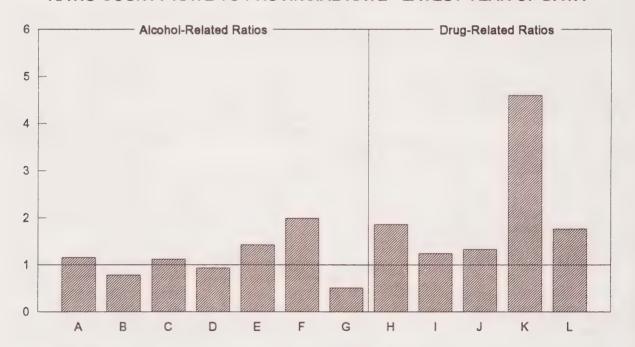
**Provincial Rate** 

#### **FRONTENAC**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	housands)			
0- 9	14.9	15.2	15.6	16.1	16.7	17.4	17.6
10-14	7.8	7.4	7.5	7.7	7.9	8.0	8.2
15-19	8.1	8.9	9.1	9.2	9.0	8.7	8.5
20-29	17.7	24.3	24.4	24.7	24.8	24.6	23.7
30-39	15.9	19.2	19.6	20.6	21.7	22.7	23.2
40-49	11.8	14.5	15.3	16.1	16.9	17.5	18.2
50-59	10.4	11.8	11.9	12.1	12.2	12.4	12.5
60-64	5.3	5.7	5.8	5.8	5.9	5.9	6.1
65-74	8.3	9.0	9.2	9.5	9.9	10.3	10.4
75+	5.8	5.5	5.7	6.1	6.3	6.6	6.9
Total population	106.0	121.4	124.2	128.0	131.4	133.9	135.2
Aged 15 and over	83.3	98.9	101.0	104.1	106.7	108.7	109.5
Aged 20 and over	75.2	90.0	91.9	94.9	97.7	100.0	101.0

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



## **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths.

## **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations DrugsK. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## GREY

## ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol		1990-91		1990-91
Litres	Numbe		Litres per per	
Littles		561,286	Rates per 100	8.4
Estimated Low Risk Consumers		40,400	Rates per 100	60,119.0
Estimated Moderate Risk Consumers		8,400		12,500.0
Estimated High Risk Consumers		3,700		5,506.0
Legal Offences	1990	1993	1990	1993
Liquor Act	1,180	1,179	1,388.2	1,341.3
Impaired Operation Causing Death Impaired Operation Causing Bodily Harm	2	1	2.4	- 11
Impaired Operation Over 80 mg%	364	397	2.4 428.2	1.1 451.6
Fail/Refuse to Provide Breath/Blood Sample	38	35	44.7	39.8
Tot	The second secon	1,612	1,864	1,833.9
	1,007	1,012	1,383.1	919.1
Deivers in Alaskal Dalated Tarffia Carolina	4004	4000		
<u>Drivers in Alcohol-Related Traffic Crashes</u> Resulting in Property Damage	<b>1991</b>	<b>1992</b> 91	<b>1991</b> 101.3	<b>1992</b> 103.5
Resulting in Personal Injury	85	60	97.8	68.3
Resulting in Fatalities	7	1	8.1	1.1
Tot		152	207.1	172.9
Provincial R			134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	25	27 47	28.8 54.1	30.7 53.5
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	47 67	90	77.1	102.4
Chronic Liver Disease and Cirrhosis	35	35	40.3	39.8
Toxic Effects of Alcohol	8	11	9.2	12.5
Tot		210	209.4	238.9
Provincial R			101.1	93.1
Secondary Diagnoses				
Alcoholic Psychoses	10	7	11.5	8.0
Alcohol Dependence Syndrome	99	77	113.9	87.6
Nondependent Abuse of Alcohol	66	66	75.9	75.1 45.5
Chronic Liver Disease and Cirrhosis	31	1	35.7 2.3	1.1
Toxic Effects of Alcohol  Tot		191	239.4	217.3
Provincial R			190.9	189.2
Mental Hospital Separations	216		100.0	
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	-	-	-	-
Alcohol Dependence Syndrome	5	4	5.8	4.6
Nondependent Abuse of Alcohol	-	-	-	-
Tot		4	5.8	4.6
Provincial R				
Provincial R	ate	L	8.5	7.4

## **GREY**

Number

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	MILLIAN	31	rates her i	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	-
Alcohol Dependence Syndrome	1	1	1.2	1.1
Chronic Liver Disease and Cirrhosis	5	4	5.8	4.6
Tot		5	6.9	5.7
Provincial R	ate		10.7	10.3
DRUG-RELATED OCCURRENCES		_		
	1004	4000	4004	4500
Legal Offences	1991	1992	1991	1992
Marijuana	71	94	82.2	107.0
Heroin	- 40		45.0	- 7.0
Cocaine	13	6	15.0	7.0
Other Drugs	5	9	5.8	10.1
Controlled Drugs	3		3.5	
Restricted Drugs	6	1	6.9	1.6
Tot		110	113.3	125.7
Provincial Ra	ate	L	200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	6	5	6.9	5.7
Drug Dependence	3	4	3.5	4.6
Nondependent Abuse of Drugs	7	1	8.1	1.1
Poisoning by Analgesics, Antipyretics	18	19	20.7	21.6
Poisoning by Sedatives and Hypnotics	7	2	8.1	2.3
Poisoning by Psychotropic Agents	27	24	31.1	27.3
Tot		55	78.3	62.6
Provincial Ra	ate	L	67.0	63.6
Secondary Diagnoses				
Drug Psychoses	4	5	4.6	5.7
Drug Dependence	11	11	12.7	12.5
Nondependent Abuse of Drugs	11	11	12.7	12.5
Poisoning by Analgesics, Antipyretics	18	10	20.7	11.4
Poisoning by Sedatives and Hypnotics	4	5	4.6	5.7
Poisoning by Psychotropic Agents	21	20	24.2	22.8
Total	ei 69	62	79.4	70.5
Provincial Ra	ate		75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	40	-	-	-
Drug Dependence	-	-	-	-
Nondependent Abuse of Drugs	-	1	da	1.1
Total	al -	1	-	1.1
Provincial Ra	ate		2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	1	1	1.2	1.1
Suicide	-	1	-	1.1

Undetermined

Total

**Provincial Rate** 

1.2

3.1

2.3

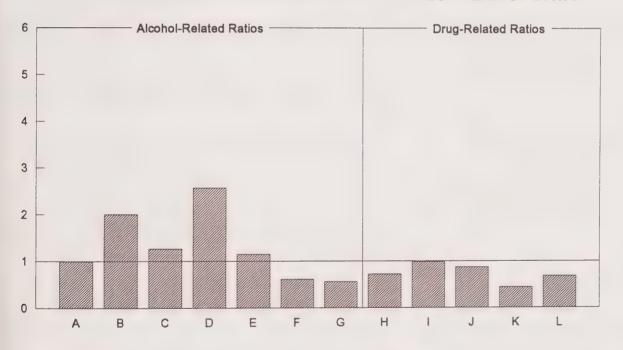
Rates per 100,000

## **GREY**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(i	n thousands)			
0- 9	10.7	10.9	11.2	11.6	12.0	12.3	12.3
10-14	5.6	5.5	5.6	5.8	6.0	6.1	6.2
15-19	5.9	5.9	6.0	6.0	6.0	6.0	6.1
20-29	11.1	11.2	11.3	11.4	11.3	11.2	11.1
30-39	11.4	11.7	12.3	12.7	13.1	13.5	13.6
40-49	8.3	8.9	9.5	10.2	10.9	11.4	11.8
50-59	7.9	7.9	8.0	8.1	8.2	8.4	8.5
60-64	4.1	4.2	4.3	4.3	4.5	4.6	4.6
65-74	6.9	7.1	7.2	7.5	7.6	7.8	8.0
75+	5.1	5.2	5.3	5.4	5.6	5.7	5.8
Total population	76.9	78.5	80.7	83.0	85.0	86.9	87.9
Aged 15 and over	60.7	62.1	63.9	65.6	67.2	68.6	69.5
Aged 20 and over	54.8	56.2	57.9	59.6	61.2	62.6	63.4

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## HALDIMAND-NORFOLK (R.M.)

## **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol		1990-91		1990-91
	Numbe		Litres per per	
Litres		624,467		8.0
Fating And Law Birth Community		50,000	Rates per 100	
Estimated Low Risk Consumers		50,000		63,694.3
Estimated Moderate Risk Consumers		9,200		11,719.7 5,095.5
Estimated High Risk Consumers		4,000		5,095.5
egal Offences	1990	1993	1990	1993
Liquor Act	2,090	1,150	2,061.1	1,104.7
Impaired Operation Causing Death	1	-	1.0	-
Impaired Operation Causing Bodily Harm	6	2	5.9	1.9
Impaired Operation Over 80 mg%	434	303	428.0	291.1
Fail/Refuse to Provide Breath/Blood Sample	36	20	35.5	19.2
Total	2,567	1,475	2,532	1,416.9
		L	1,383.1	919.
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	114	99	111.0	95.1
Resulting in Personal Injury	95	116	92.5	111.4
Resulting in Fatalities	14	8	13.6	7.7
Total	223	223	217.1	214.2
Provincial Rate		L	134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	14	6	13.6	5.8
Alcohol Dependence Syndrome	42	24	40.9	23.1
Nondependent Abuse of Alcohol	6	14	5.8	13.4
Chronic Liver Disease and Cirrhosis	27	31	26.3	29.8
Toxic Effects of Alcohol	5	3	4.9	2.9
Total	94	78	91.5	74.9
Provincial Rate			101.1	93.1
Secondary Diagnoses				
Alcoholic Psychoses	11	16	10.7	15.4
Alcohol Dependence Syndrome	128	98	124.6	94.1
Nondependent Abuse of Alcohol	26	28	25.3	26.9
Chronic Liver Disease and Cirrhosis	56	38	54.5	36.5
Toxic Effects of Alcohol	2	1	1.9	1.0
Total Provincial Rate	223	181	217.1 190.9	173.9 189.2
		_		
Mental Hospital Separations				4000.02
Mental Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Primary Diagnoses Alcoholic Psychoses	1	-	1.0	-
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome				-
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1 11 -	9	1.0 10.7 -	8.6 -
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome	1 11	- 9	1.0	8.6 7.4

## HALDIMAND-NORFOLK (R.M.)

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Number		Rates per 100,000	
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	1	-	1.0
Alcohol Dependence Syndrome	2	4	1.9	3.8
Chronic Liver Disease and Cirrhosis	14	9	13.6	8.6
Total	16	14	15.6	13.4
Provincial Rate			10.7	10.3
RUG-RELATED OCCURRENCES				

## DR

		10.0	0.0
16	14	15.6	13.4
		10.7	10.3
1991	1992	1991	1992
248	205	241.7	197.3
-	1	-	1.4
21	6	20.1	5.9
4	5	3.9	4.9
1		1.0	-
6		5.8	6.6
	225	272.5	216.1
		200.9	175.3
1991-92	1992-93	1991-92	1992-93
5	3	4.9	2.9
1	1	1.0	1.0
3	2	2.9	1.9
46	19	44.8	18.3
	8	6.8	7.7
			47.1
	82		78.8
	L	67.0	63.6
4	4	3.9	3.8
11	11	10.7	10.6
			24.0
	9		8.6
	-		-
			13.4
	63		60.5
		75.2	81.0
1991-92	1992-93	1991-92	1992-93
-	1	-	1.0
2	5	1.9	4.8
	1991 248 - 21 4 1 6 280 5 1 1 3 46 7 51 113 1 16 11 2 9 5 5 3	1991 1992 248 205 - 1 21 6 4 5 1 - 6 7 280 225 225 2 2 2 2 4 6 19 7 8 5 1 4 9 113 82 2 4 6 19 7 8 5 1 4 9 113 82 2 4 6 19 7 8 5 1 4 9 113 82 2 4 6 19 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 7 8	1991 1992 241.7  - 1

Menta	Hospital	<b>Separations</b>
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Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	1	-	1.0
Drug Dependence	2	5	1.9	4.8
Nondependent Abuse of Drugs	1	1	1.0	1.0
,	otal 3	7	2.9	6.7
Provincial	Rate		2.1	2.6

orta	

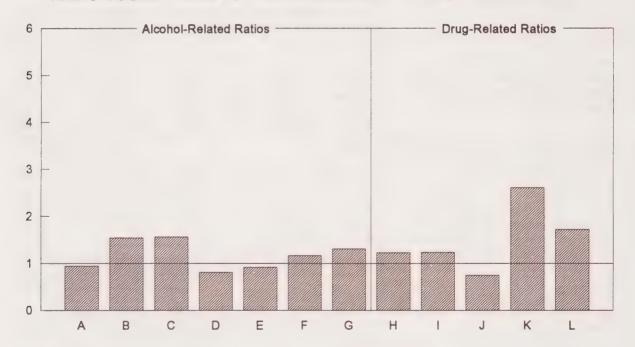
rtality: From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	1	1	1.0	1.0
Suicide	-	5	_	4.8
Undetermined	-	-	-	-
Total	1	6	1.0	5.8
Provincial Rate			3.1	3.4

## HALDIMAND-NORFOLK (R.M.)

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
				in thousands	)		
0- 9	13.9	14.1	14.5	14.7	15.3	15.5	15.5
10-14	6.8	6.8	7.0	7.2	7.6	7.7	7.8
15-19	7.3	7.2	7.1	7.1	7.2	7.3	7.5
20-29	14.9	14.8	14.7	14.5	14.7	14.2	13.9
30-39	14.4	14.6	15.1	15.8	16.7	17.2	17.5
40-49	10.3	10.9	11.5	12.0	12.7	13.1	13.7
50-59	9.1	9.2	9.2	9.3	9.5	9.5	9.7
60-64	4.5	4.6	4.6	4.7	4.7	4.8	4.9
65-74	6.8	6.9	7.1	7.4	7.6	7.8	8.1
75+	4.7	4.9	5.1	5.2	5.4	5.5	5.5
Total population	92.8	94.0	96.0	97.9	101.4	102.7	104.1
Aged 15 and over	72.0	73.1	74.4	76.0	78.5	79.4	80.8
Aged 20 and over	64.7	65.9	67.3	68.9	71.3	72.1	73.3

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

## **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## **HALIBURTON**

## ALCOHOL-RELATED OCCURRENCES

			1990-91		1990-91
		Numbe		Litres per per	
Litres			185,696		15.6
				Rates per 100	,000 15+
Estimated Low Risk Consumers			4,800		40,336.1
Estimated Moderate Risk Consumers			3,000		25,210.1
Estimated High Risk Consumers			1,600		13,445.4
Legal Offences		1990	1993	1990	1993
Liquor Act		231	144	1,593.1	947.4
Impaired Operation Causing Death	_	-	-	-	-
Impaired Operation Causing Bodily Harm	·  _	1		6.9	-
Impaired Operation Over 80 mg%	. —	68	18	469.0	118.4
Fail/Refuse to Provide Breath/Blood Sam		4	6	27.6	39.5
	Total	304	168	2,097	1,105.3
			L	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes		1991	1992	1991	1992
Resulting in Property Damage		28	21	189.2	138.2
Resulting in Personal Injury		22	17	148.6	111.8
Resulting in Fatalities		-	2	-	13.2
	Total	50	40	337.8	263.2
Provinc	ial Rate			134.0	137.0
General Hospital Separations		1001.00	1000 001	1001.00	1000 00
Primary Diagnoses	-	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	-	4	1	27.0	6.6
Alcohol Dependence Syndrome		10	8	67.6 13.5	52.6 26.3
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	-	2	4 6	27.0	39.5
Chronic Liver Disease and Cirmosis		4		// \/	
Toxia Effects of Alachal				27.0	00.0
Toxic Effects of Alcohol	Total	- 20	-	-	-
	Total	20		135.1 101.1	125.0 93.1
Province Secondary Diagnoses		20	-	135.1 101.1	- - 25.0 93.1
Province  Secondary Diagnoses  Alcoholic Psychoses		20	19	135.1 101.1	93.1 13.2
Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome		2 20	- 19 2 23	135.1 101.1 13.5 135.1	125.0 93.1
Province Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		2 2 20 4	2 23 6	135.1 101.1 13.5 135.1 27.0	125.0 93.1 13.2 151.3 39.5
Province  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis		20 20 4 6	- 19 2 23	135.1 101.1 13.5 135.1	125.0 93.1
Province Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	ial Rate	20 20 4 6	2 23 6 11	135.1 101.1 135.1 27.0 40.5	13.2 151.3 39.5 72.4
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol		20 20 4 6	2 23 6	135.1 101.1 13.5 135.1 27.0	125.0 93.1 13.2 151.3 39.5
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province	Total	20 20 4 6	2 23 6 11 -	13.5 135.1 135.1 27.0 40.5 216.2	13.2 151.3 39.5 72.4 - 276.3 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	Total	20 20 4 6	2 23 6 11	13.5 135.1 27.0 40.5	13.2 151.3 39.5 72.4 276.3
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Mental Hospital Separations	Total	2 20 4 6 -	2 23 6 11 - 42	13.5 135.1 135.1 27.0 40.5 216.2 190.9	13.2 151.3 39.5 72.4 - 276.3 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Mental Hospital Separations Primary Diagnoses	Total	20 20 4 6 - 32	2 2 23 6 11 - 42	13.5 135.1 101.1 13.5 135.1 27.0 40.5 - 216.2 190.9	13.2 151.3 39.5 72.4 - 276.3 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	Total aial Rate	20 20 4 6 - 32	1992-93 1992-93	13.5 135.1 101.1 13.5 135.1 27.0 40.5 - 216.2 190.9	13.2 151.3 39.5 72.4 - 276.3 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	Total	20 20 4 6 - 32	1992-93 1992-93	13.5 135.1 101.1 13.5 135.1 27.0 40.5 - 216.2 190.9	13.2 151.3 39.5 72.4 - 276.3 189.2

## **HALIBURTON**

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00,000
Mortality	1991	1992	1991	1992
Alcohoi Psychoses	-	-	-	-
Alcohol Dependence Syndrome	-	-	-	-
Chronic Liver Disease and Cirrhosis	2		13.5	-
Total	2		13.5	-
Provincial Rate			10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	15	19	102.8	122.1
Heroin	-	-	-	
Cocaine	-	-	-	-
Other Drugs	_	15	-	100.5
Controlled Drugs	_	-	-	
Restricted Drugs	_	3	-	18.0
Total	15	37	102.8	240.6
Provincial Rate		<u> </u>	200.9	175.3
General Hospital Separations		_		
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1	1	6.8	6.6
Drug Dependence	3		20.3	
Nondependent Abuse of Drugs	-	2	-	13.2
Poisoning by Analgesics, Antipyretics	2	3	13.5	19.7
Poisoning by Sedatives and Hypnotics	1	-	6.8	
Poisoning by Psychotropic Agents	2	1	13.5	6.6
Total	9	7	60.8	46.1
Provincial Rate			67.0	63.6
		_		
<u>Secondary Diagnoses</u> Drug Psychoses	4		6.8	
Drug Dependence	1	4	6.8	26.3
	13	32	87.8	210.5
Nondependent Abuse of Drugs				
Poisoning by Analgesics, Antipyretics	2	1	13.5	6.6
Poisoning by Sedatives and Hypnotics	-		- 10.5	40.6
Poisoning by Psychotropic Agents	2	2	13.5	13.2
Total Provincial Rate	19	39	128.4 75.2	256.6 81.0
Provincial Rate		_	75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	•	-	-
Drug Dependence	1	-	6.8	-
Nondependent Abuse of Drugs		-	-	
Total	1	-	6.8	
Provincial Rate		L	2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
	1991	1992	1991	1992

Suicide Undetermined

Total

**Provincial Rate** 

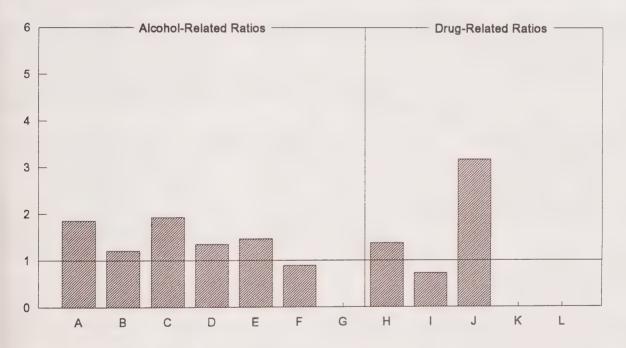
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## **HALIBURTON**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
	(in thousands)						
0- 9	1.4	1.5	1.6	1.6	1.8	1.8	1.9
10-14	0.7	0.7	0.7	0.7	0.8	0.8	0.8
15-19	0.9	0.9	0.8	0.8	0.8	0.8	0.9
20-29	1.5	1.6	1.6	1.6	1.7	1.6	1.5
30-39	1.7	1.7	1.8	2.0	2.1	2.2	2.3
40-49	1.2	1.3	1.4	1.5	1.6	1.8	1.9
50-59	1.5	1.6	1.6	1.7	1.7	1.7	1.8
60-64	0.9	1.0	1.0	1.0	1.1	1.2	1.2
65-74	1.6	1.7	1.7	1.8	1.9	1.8	2.0
75+	0.9	0.9	0.9	0.9	1.0	1.0	1.1
Total population	12.3	12.6	13.2	13.7	14.5	14.8	15.2
Aged 15 and over	10.2	10.7	10.8	11.3	11.9	12.1	12.7
Aged 20 and over	9.3	9.8	10.0	10.5	11.1	11.3	11.8

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## HALTON (R.M.)

## **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol		1990-91	1 :4	1990-91
1.20	Num		Litres per pe	
Litres		2,029,306	Rates per 100	8.0
Estimated Low Risk Consumers		153,600	Rates per 100	60,735.5
Estimated Moderate Risk Consumers		30,200		11,941.5
Estimated High Risk Consumers		13,200		5,219.5
3				
Legal Offences	1990	1993	1990	1993
Liquor Act	3,355	1,828	1,052.4	551.4
Impaired Operation Causing Death	1	1	0.3	0.3
Impaired Operation Causing Bodily Harm	5	11	1.6	3.3
Impaired Operation Over 80 mg%	1,050	747	329.4	225.3
Fail/Refuse to Provide Breath/Blood Sample		93	33.2	28.1
To	otal 4,517	2,680	1,417	808.4
		,	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	184	236	56.7	71.2
Resulting in Personal Injury	163	138	50.2	41.6
Resulting in Fatalities	13	5	4.0	1.5
To Provincial	otal 360	379	111.0	114.3
General Hospital Separations	· · · · · · · · · · · · · · · · · · ·	,	134.0	137.0
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Primary Diagnoses Alcoholic Psychoses	<b>1991-92</b>	<b>1992-93</b>	1991-92 11.1	<b>1992-93</b> 9.0
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	36	30	11.1	9.0
Alcoholic Psychoses Alcohol Dependence Syndrome	36 135	30 110	11.1 41.6	9.0 33.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	36 135 39 56 9	30 110 36 80 3	11.1 41.6 12.0	9.0 33.2 10.9
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	36 135 39 56 9 otal 275	30 110 36 80	11.1 41.6 12.0 17.3 2.8 84.8	9.0 33.2 10.9 24.1 0.9 <b>78.1</b>
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	36 135 39 56 9 otal 275	30 110 36 80 3	11.1 41.6 12.0 17.3 2.8	9.0 33.2 10.9 24.1 0.9
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses	36 135 39 56 9 otal 275	30 110 36 80 3 259	11.1 41.6 12.0 17.3 2.8 84.8 101.1	9.0 33.2 10.9 24.1 0.9 78.1 93.1
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses Alcoholic Psychoses	36 135 39 56 9 otal 275 Rate	30 110 36 80 3 259	11.1 41.6 12.0 17.3 2.8 84.8 101.1	9.0 33.2 10.9 24.1 0.9 78.1 93.1
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	36 135 39 56 9 otal 275 Rate	30 110 36 80 3 <b>259</b>	11.1 41.6 12.0 17.3 2.8 84.8 101.1	9.0 33.2 10.9 24.1 0.9 78.1 93.1
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	36 135 39 56 9 275 Rate	30 110 36 80 3 259	11.1 41.6 12.0 17.3 2.8 84.8 101.1	9.0 33.2 10.9 24.1 0.9 78.1 93.1
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	36 135 39 56 9 58 275 Rate	30 110 36 80 3 <b>259</b> 25 259 70 120	11.1 41.6 12.0 17.3 2.8 84.8 101.1 8.0 89.7 19.7 33.3	9.0 33.2 10.9 24.1 0.9 78.1 93.1
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Temperature Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	36 135 39 56 9 58 275 Rate	30 110 36 80 3 <b>259</b> 25 259 70 120 4	11.1 41.6 12.0 17.3 2.8 84.8 101.1 8.0 89.7 19.7 33.3 0.6	9.0 33.2 10.9 24.1 0.9 78.1 93.1 7.5 78.1 21.1 36.2 1.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Temperature Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	36 135 39 56 9 51 9 5275 Rate  26 291 64 108 2 201	30 110 36 80 3 <b>259</b> 25 259 70 120	11.1 41.6 12.0 17.3 2.8 84.8 101.1 8.0 89.7 19.7 33.3	9.0 33.2 10.9 24.1 0.9 78.1 93.1
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Temperature Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	36 135 39 56 9 56 9 275 Rate  26 291 64 108 2 0tal 291 Rate	30 110 36 80 3 <b>259</b> 25 259 70 120 4	11.1 41.6 12.0 17.3 2.8 84.8 101.1 8.0 89.7 19.7 33.3 0.6	9.0 33.2 10.9 24.1 0.9 78.1 93.1 7.5 78.1 21.1 36.2 1.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Toprovincial  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Toprovincial  Mental Hospital Separations Primary Diagnoses	36 135 39 56 9 51 9 5275 Rate  26 291 64 108 2	30 110 36 80 3 <b>259</b> 25 259 70 120 4	11.1 41.6 12.0 17.3 2.8 84.8 101.1 8.0 89.7 19.7 33.3 0.6 151.4 190.9	9.0 33.2 10.9 24.1 0.9 78.1 93.1 7.5 78.1 21.1 36.2 1.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Toxic Effects of Alcohol  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	36 135 39 56 9 51 9 10 10 10 10 10 10 10 10 10 10 10 10 10	30 110 36 80 3 <b>259</b> 259 70 120 4 478	11.1 41.6 12.0 17.3 2.8 84.8 101.1 8.0 89.7 19.7 33.3 0.6 151.4 190.9	9.0 33.2 10.9 24.1 0.9 78.1 93.1 7.5 78.1 21.1 36.2 1.2 144.2 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Temperature Provincial  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Toxic Effects of Alcohol Toxic Effects of Alcohol  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	36   135   39   56   9   56   9   10   10   10   10   10   10   10	30 110 36 80 3 <b>259</b> 259 70 120 4 <b>478</b>	11.1 41.6 12.0 17.3 2.8 84.8 101.1 8.0 89.7 19.7 33.3 0.6 151.4 190.9	9.0 33.2 10.9 24.1 0.9 78.1 93.1 7.5 78.1 21.1 36.2 1.2 144.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Toxic Effects of Alcohol  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	36   135   39   56   9   56   9   10   10   10   10   10   10   10	30 110 36 80 3 259 259 70 120 4 478	11.1 41.6 12.0 17.3 2.8 84.8 101.1 8.0 89.7 19.7 33.3 0.6 151.4 190.9	9.0 33.2 10.9 24.1 0.9 78.1 93.1  7.5 78.1 21.1 36.2 1.2 144.2 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Toprovincial  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Toprovincial  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	36   135   39   56   9   56   9   9   10   10   10   10   10   10	30 110 36 80 3 259 259 70 120 4 478	11.1 41.6 12.0 17.3 2.8 84.8 101.1 8.0 89.7 19.7 33.3 0.6 151.4 190.9	9.0 33.2 10.9 24.1 0.9 78.1 93.1 7.5 78.1 21.1 36.2 1.2 144.2 189.2

## HALTON (R.M.)

## ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

Mortality	
Alco	

hol Psychoses Alcohol Dependence Syndrome Chronic Liver Disease and Cirrhosis

> Total Provincial Rate

Number			
1991	1992		
-	-		
2	3		
19	19		
21	22		

Rates per 100,000			
1991	1992		
-	_		
0.6	0.9		
5.9	5.7		
6.5	6.6		
10.7	10.3		

#### DRUG-RELATED OCCURRENCES

## Legal Offences

Marijuana Heroin Cocaine Other Drugs Controlled Drugs

Restricted Drugs

1991 1992 247 389 6 9 25 29 1 4 3 33 17 26 Total 490 298 **Provincial Rate** 

1991	1992
76.2	117.2
1.7	2.7
7.7	8.9
0.3	1.2
0.9	10.0
5.2	7.8
92.0	147.7
200.9	175.3

# **General Hospital Separations**

**Primary Diagnoses** Drug Psychoses Drug Dependence Nondependent Abuse of Drugs

Poisoning by Analgesics, Antipyretics... Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents

Total **Provincial Rate** 

Total

**Provincial Rate** 

-93
1.8
5.4
0.3
6.0
6.6
4.5
4.6
3.6

## Secondary Diagnoses

**Drug Psychoses** Drug Dependence Nondependent Abuse of Drugs

Poisoning by Analgesics, Antipyretics... Poisoning by Sedatives and Hypnotics

Poisoning by Psychotropic Agents

7	11
30	33
56	42
70	59
15	15
65	53
243	213

2.2	3.3
9.2	10.0
17.3	12.7
21.6	17.8
4.6	4.5
20.0	16.0
74.9	64.3
75.2	81.0

### **Mental Hospital Separations**

**Primary Diagnoses Drug Psychoses** Drug Dependence Nondependent Abuse of Drugs

	1991-92	1992-93
	-	1
	-	2
	-	-
Total	-	3
Provincial Rate		

1991-92	1992-93
-	0.3
-	0.6
-	-
	0.9
2.1	2.6

## Mortality:

From Drugs, Medicaments & Biologicals

Accidental Poisoning Suicide

Undetermined

ologicals	1991	1992
	3	1
	3	8
	-	-
Total	6	9
Provincial Rate		

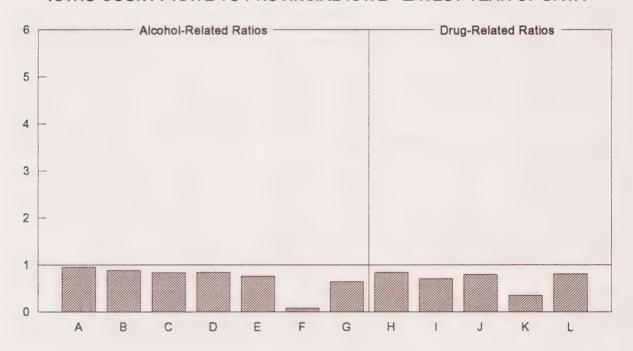
1992	1991
0.3	0.9
2.4	0.9
-	-
2.7	1.8
3.4	3.1

## HALTON (R.M.)

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in	thousands)			
0- 9	38.3	39.9	42.0	43.7	44.6	45.2	46.3
10-14	21.3	21.2	21.4	21.7	21.5	21.6	21.8
15-19	24.0	23.8	24.0	23.9	23.9	23.5	23.2
20-29	47.6	49.3	51.0	52.0	51.8	51.0	50.2
30-39	46.4	47.5	49.6	52.3	53.9	55.8	57.9
40-49	39.0	41.9	44.7	47.1	49.0	50.6	52.0
50-59	29.6	30.3	30.8	31.5	32.0	32.6	33.7
60-64	11.9	12.3	12.7	12.9	13.2	13.6	13.9
65-74	14.5	15.6	16.6	17.6	18.4	19.3	20.3
75+	8.5	9.1	9.5	10.1	10.7	11.3	12.1
Total population	281.0	290.9	302.3	312.9	318.8	324.4	331.5
Aged 15 and over	221.5	229.8	238.9	247.4	252.9	257.7	263.3
Aged 20 and over	197.5	206.0	214.9	223.5	229.0	234.2	240.1

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

## **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## **HAMILTON-WENTWORTH (R.M.)**

## **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol		1990-91		1990-91
	Numbe		Litres per pe	
Litres		3,135,887	Litres per pe	8.4
		3,103,001	Rates per 100	
Estimated Low Risk Consumers		225,300		60,000.0
Estimated Moderate Risk Consumers		47,100		12,543.3
Estimated High Risk Consumers		20,700		5,512.6
Legal Offences	1990	1993	1990	1993
Liquor Act	3,098	1,939	665.1	413.3
Impaired Operation Causing Death	-	-	-	-
Impaired Operation Causing Bodily Harm	26	14	5.6	3.0
Impaired Operation Over 80 mg%	1,212	845	260.2	180.1
Fail/Refuse to Provide Breath/Blood Sample	162	92	34.8	19.6
Total	4,498	2,890	966	616.1
_			1,383.1	919.1
		_		
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	245	266	52.3	56.7
Resulting in Personal Injury	226	219	48.3	46.7
Resulting in Fatalities	7	5	1.5	1.1
Total	478	490	102.1	104.5
Provincial Rate			134.0	137.0
General Hospital Separations				
General Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Primary Diagnoses	<b>1991-92</b>	<b>1992-93</b>	<b>1991-92</b>	<b>1992-93</b>
Primary Diagnoses Alcoholic Psychoses				
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	65	79	13.9	16.8
Primary Diagnoses Alcoholic Psychoses	65 217	79 176	13.9 46.4	16.8 37.5 2.8
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	65 217 12	79 176 13	13.9 46.4 2.6	16.8 37.5
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis	65 217 12 150	79 176 13 108 7	13.9 46.4 2.6 32.0	16.8 37.5 2.8 23.0
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	65 217 12 150 5	79 176 13 108	13.9 46.4 2.6 32.0 1.1	16.8 37.5 2.8 23.0 1.5
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses	65 217 12 150 5	79 176 13 108 7 383	13.9 46.4 2.6 32.0 1.1 95.9 101.1	16.8 37.5 2.8 23.0 1.5 81.6 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses	65 217 12 150 5 449	79 176 13 108 7 383	13.9 46.4 2.6 32.0 1.1 95.9 101.1	16.8 37.5 2.8 23.0 1.5 81.6 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	65 217 12 150 5 449	79 176 13 108 7 383	13.9 46.4 2.6 32.0 1.1 95.9 101.1	16.8 37.5 2.8 23.0 1.5 81.6 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	65 217 12 150 5 449	79 176 13 108 7 383	13.9 46.4 2.6 32.0 1.1 95.9 101.1	16.8 37.5 2.8 23.0 1.5 81.6 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	90 559 90 249	79 176 13 108 7 383 92 511 115 226	13.9 46.4 2.6 32.0 1.1 95.9 101.1	16.8 37.5 2.8 23.0 1.5 81.6 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	90 559 90 249 3	79 176 13 108 7 383	13.9 46.4 2.6 32.0 1.1 95.9 101.1	16.8 37.5 2.8 23.0 1.5 81.6 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total	90 559 90 249	79 176 13 108 7 383 92 511 115 226	13.9 46.4 2.6 32.0 1.1 95.9 101.1 19.2 119.4 19.2 53.2 0.6 211.7	16.8 37.5 2.8 23.0 1.5 81.6 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	90 559 90 249 3	79 176 13 108 7 383	13.9 46.4 2.6 32.0 1.1 95.9 101.1	16.8 37.5 2.8 23.0 1.5 81.6 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations	90 559 90 249 3	79 176 13 108 7 383 92 511 115 226 7 951	13.9 46.4 2.6 32.0 1.1 95.9 101.1  19.2 119.4 19.2 53.2 0.6 211.7 190.9	16.8 37.5 2.8 23.0 1.5 81.6 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses	90 559 90 249 3 991	79 176 13 108 7 383 92 511 115 226 7 951	13.9 46.4 2.6 32.0 1.1 95.9 101.1 19.2 119.4 19.2 53.2 0.6 211.7 190.9	16.8 37.5 2.8 23.0 1.5 81.6 93.1 19.6 108.9 24.5 48.2 1.5 202.7 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	90 559 90 249 3 991	79 176 13 108 7 383 92 511 115 226 7 951	13.9 46.4 2.6 32.0 1.1 95.9 101.1  19.2 119.4 19.2 53.2 0.6 211.7 190.9	16.8 37.5 2.8 23.0 1.5 81.6 93.1 19.6 108.9 24.5 48.2 1.5 202.7 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	90 559 90 249 3 991	79 176 13 108 7 383  92 511 115 226 7 951	13.9 46.4 2.6 32.0 1.1 95.9 101.1  19.2 119.4 19.2 53.2 0.6 211.7 190.9  1991-92 0.2 1.5	16.8 37.5 2.8 23.0 1.5 81.6 93.1 19.6 108.9 24.5 48.2 1.5 202.7 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	90 559 90 249 3 991	79 176 13 108 7 383  92 511 115 226 7 951  1992-93 2 2 3	13.9 46.4 2.6 32.0 1.1 95.9 101.1  19.2 119.4 19.2 53.2 0.6 211.7 190.9  1991-92 0.2 1.5 0.4	16.8 37.5 2.8 23.0 1.5 81.6 93.1 19.6 108.9 24.5 48.2 1.5 202.7 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	90 559 90 249 3 991	79 176 13 108 7 383  92 511 115 226 7 951	13.9 46.4 2.6 32.0 1.1 95.9 101.1  19.2 119.4 19.2 53.2 0.6 211.7 190.9  1991-92 0.2 1.5	16.8 37.5 2.8 23.0 1.5 81.6 93.1 19.6 108.9 24.5 48.2 1.5 202.7 189.2

## **HAMILTON-WENTWORTH (R.M.)**

## **ALCOHOL-RELATED OCCURRENCES**

Rates per 100	Rates per 100,000	
1991	1992	
0.2	0.4	
1.3	1.9	
12.4	10.7	
13.9	13.0	
10.7	10,3	
	13.9	

<u>ial Offences</u>		1991	1992	1991	1992
Marijuana		585	674	125.1	143.8
Heroin		-	3	-	0.6
Cocaine		80	119	17.2	25.3
Other Drugs		14	13	3.0	2.7
Controlled Drugs		1	33	0.2	7.0
Restricted Drugs		14	48	3.1	10.2
	Total	695	890	148.5	189.7
	Provincial Rate			200.9	175.3

Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	13	16	2.8	3.4
Drug Dependence	26	31	5.6	6.6
Nondependent Abuse of Drugs	18	8	3.8	1.7
Poisoning by Analgesics, Antipyretics	76	72	16.2	15.3
Poisoning by Sedatives and Hypnotics	21	10	4.5	2.1
Poisoning by Psychotropic Agents	108	126	23.1	26.9
Total	262	263	56.0	56.1
Provincial Rate			67.0	63.6

Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	14	14	3.0	3.0
Drug Dependence	51	55	10.9	11.7
Nondependent Abuse of Drugs	95	96	20.3	20.5
Poisoning by Analgesics, Antipyretics	42	56	9.0	11.9
Poisoning by Sedatives and Hypnotics	8	10	1.7	2.1
Poisoning by Psychotropic Agents	77	84	16.4	17.9
Total	287	315	61.3	67.1
Provincial Rate			75.2	81.0

Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	4	4	0.9	0.9
Drug Dependence	6	10	1.3	2.1
Nondependent Abuse of Drugs	1	5	0.2	1.1
То	tal 11	19	2.3	4.1
Provincial R	Rate		2.1	2.6

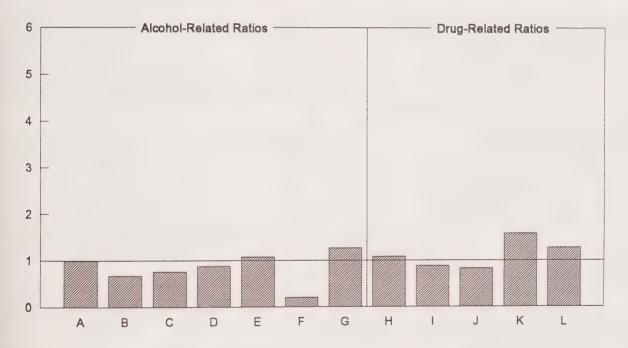
Mortality:				
From Drugs. Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	8	11	1.7	2.3
Suicide	11	5	2.3	1.1
Undetermined	1	4	0.2	0.9
Total	20	20	4.3	4.3
Provincial Rate			3.1	3.4

## HAMILTON-WENTWORTH (R.M.)

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992			
	(in thousands)									
0- 9	56.4	58.3	59.1	60.7	62.0	62.7	63.5			
10-14	28.0	28.2	28.0	28.2	28.3	28.6	28.6			
15-19	32.5	32.0	31.7	31.5	31.1	30.3	29.9			
20-29	82.1	83.0	82.2	83.0	82.4	80.2	77.2			
30-39	68.3	70.2	71.9	74.6	76.8	78.1	79.0			
40-49	48.9	51.6	53.6	56.0	58.1	60.1	61.7			
50-59	46.7	46.1	45.2	44.9	44.6	44.4	44.3			
60-64	23.6	23.6	23.7	23.5	22.9	22.5	22.2			
65-74	31.4	32.7	33.8	35.0	36.0	37.2	38.0			
75+	20.8	21.5	22.1	22.9	23.6	24.2	24.7			
Total population	438.8	447.4	451.2	460.4	465.8	468.1	469.1			
Aged 15 and over	354.3	360.7	364.2	371.4	375.5	377.0	377.0			
Aged 20 and over	321.8	328.7	332.5	339.9	344.4	346.7	347.1			

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



## **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## **HASTINGS**

## ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol	Numbe	1990-91	Litres per per	1990- son 15+
Litres		992,075		10
			Rates per 100	
Estimated Low Risk Consumers		53,700		56,407
Estimated Moderate Risk Consumers		15,600		16,386
Estimated High Risk Consumers		7,100		7,45
egal Offences	1990	1993	1990	19
Liquor Act	1,629	1,321	1,357.5	1,06
Impaired Operation Causing Death	1	-	0.8	
Impaired Operation Causing Bodily Harm	1	2	0.8	
Impaired Operation Over 80 mg%	441	392	367.5	31
Fail/Refuse to Provide Breath/Blood Sample	22	19	18.3	1:
Total	2,094	1,734	1,745 1,383.1	1,40
		L	1,303.1	91
rivers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	135	118	111.1	9
Resulting in Personal Injury	115	83	94.7	6
Resulting in Fatalities	5	8	4.1	
Total Provincial Rate	255	209	209.9 134.0	16 13
anaral Haanital Canarations		_		
eneral Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-
Alcoholic Psychoses	17	22	14.0	1
Alcohol Dependence Syndrome	93	71	76.5	5
Nondependent Abuse of Alcohol	23	17	18.9	1
Chronic Liver Disease and Cirrhosis	59	64	48.6	5
Toxic Effects of Alcohol	5	2	4.1	- 11
Total Provincial Rate	197	176	162.1	14 9
			101.1	3
Secondary Diagnoses Alcoholic Psychoses	18	24	14.8	1:
			149.8	16
	182	209	143.01	
Alcohol Dependence Syndrome	182 51	209 51		4
	182 51 81	209 51 67	42.0 66.7	
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	51	51	42.0	54
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total	51 81	51 67	42.0 66.7 6.6 <b>279.8</b>	4° 54 <b>28</b> !
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	51 81 8	51 67 6	42.0 66.7 6.6	281
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	51 81 8 340	51 67 6 357	42.0 66.7 6.6 <b>279.8</b> 190.9	28 18
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate    Iental Hospital Separations   Primary Diagnoses   Iental Hospital Separations   Iental Hospital Separ	51 81 8	51 67 6	42.0 66.7 6.6 <b>279.8</b>	54
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate    Iental Hospital Separations	51 81 8 340	51 67 6 357	42.0 66.7 6.6 279.8 190.9	289 189 1992-9
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate    Iental Hospital Separations	51 81 8 340 1991-92	51 67 6 357	42.0 66.7 6.6 279.8 190.9	289 189 1992-
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Lental Hospital Separations Primary Diagnoses Alcoholic Psychoses	51 81 8 340	51 67 6 357	42.0 66.7 6.6 279.8 190.9	289 189

#### **HASTINGS**

#### **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

Mortality
Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

IVUII	iber
1991	1992
1	-
2	4
16	14
19	18

Rates per 100,000		
1991	1992	
0.8	-	
1.6	3.2	
13.2	11.3	
15.6	14.5	
10.7	10.3	

Provincial Rate

Total

## **DRUG-RELATED OCCURRENCES**

Legal Offences
Marijuana
Heroin
Cocaine
Other Drugs

Land Offenses

1991	1992
129.1	99.0
-	-
14.3	6.9
3.3	16.5
3.3	6.7
3.9	5.5
154.0	134.5
200.9	175.3

Controlled Drugs Restricted Drugs

Provincial Rate

Total

Total

**Provincial Rate** 

**Provincial Rate** 

General I	Hospital	Separa	tions
-----------	----------	--------	-------

HOIGH HOSPITAL OCEANIONS
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

5	6
	1.4
15	14
8	4
22	29
6	5
27	30 <b>88</b>
83	88

1992-93

1991-92

1991-92	1992-93
4.1	4.8
12.3	11.3
6.6	3.2
18.1	23.4
4.9	4.0
22.2	24.2
68.3	71.1
67.0	63.6

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

122	119
25	14.
8	4
16	20
36	42
22	29
15	10

12.3	8.1
18.1	23.4
29.6	33.9
13.2	16.2
6.6	3.2
20.6	11.3
100.4	96.1
75.2	81.0

Mental Hospital Separations

<u> Primary Diagnoses</u>
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

	1991-92	1992-93
	-	1
	1	-
		-
Total	1	1
Provincial Rate		

1991-92	1992-93
-	0.8
0.8	-
-	-
8.0	0.8
2.1	2.6

Mortality:

From Drugs, Medicaments & Biologicals

Accidental Poisoning Suicide Undetermined

	1991	1992
	1	1
	3	1
	-	1
	4	3
te		

1991	1992
0.8	0.8
2.5	0.8
-	0.8
3.3	2.4
3.1	3.4

**Provincial Ra** 

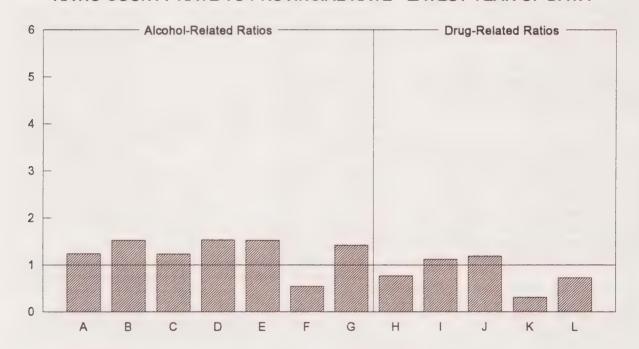
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## **HASTINGS**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(i	in thousands			
0- 9	15.4	15.5	15.8	16.1	16.6	16.7	17.0
10-14	7.9	7.9	7.9	8.1	8.2	8.3	8.4
15-19	8.7	8.5	8.5	8.4	8.5	8.5	8.7
20-29	19.5	19.1	19.0	18.9	18.9	18.3	18.1
30-39	16.6	16.7	17.1	17.8	18.6	19.3	20.2
40-49	12.3	13.0	13.5	14.1	14.8	15.2	16.0
50-59	11.5	11.5	11.4	11.5	11.7	11.7	11.9
60-64	5.8	5.8	5.8	5.9	5.8	5.9	6.0
65-74	9.1	9.4	9.8	10.0	10.2	10.4	10.6
75+	5.8	6.0	6.2	6.5	6.7	7.0	7.1
Total population	112.7	113.6	115.1	117.2	120.0	121.5	123.8
Aged 15 and over	89.3	90.0	91.3	93.1	95.2	96.3	98.6
Aged 20 and over	80.6	81.5	82.8	84.7	86.7	87.8	89.9

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



## **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## HURON

## **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol			1990-91		1990-91
		Numbe		Litres per per	son 15+
Litres			360,923		7.8
	-			Rates per 100	,000 15+
Estimated Low Risk Consumers			29,900		64,301.1
Estimated Moderate Risk Consumers			5,200		11,182.8
Estimated High Risk Consumers			2,300		4,946.2
Legal Offences		1990	1993	1990	1993
Liquor Act		1,896	905	3,149.5	1,473.9
Impaired Operation Causing Death			2	-	3.3
Impaired Operation Causing Bodily Harr	n	-	5	-	8.1
Impaired Operation Over 80 mg%		230	167	382.1	272.0
Fail/Refuse to Provide Breath/Blood Sar	nple	50	17	83.1	27.7
	Total	2,176	1,096	3,615	1,785.0
				1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes		1991	1992	1991	1992
Resulting in Property Damage		43	34	70.5	55.4
Resulting in Personal Injury		33	48	54.1	78.2
Resulting in Fatalities		2	2	3.3	3.3
	Total	78	84	127.9	136.8
Provin	cial Rate			134.0	137.0
0					
General Hospital Separations Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses		6	9		
Alcoholic Psychoses					1/1/1
Alcohol Dependence Syndrome				9.8	14.7
Alcohol Dependence Syndrome		45	62	73.8	101.0
Nondependent Abuse of Alcohol		45 13	62 9	73.8 21.3	101.0 14.7
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis		45 13 20	62 9 13	73.8 21.3 32.8	101.0 14.7 21.2
Nondependent Abuse of Alcohol	Total	45 13 20 1	62 9 13 1	73.8 21.3 32.8 1.6	101.0 14.7 21.2 1.6
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	Total	45 13 20	62 9 13	73.8 21.3 32.8	101.0 14.7 21.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving		45 13 20 1	62 9 13 1	73.8 21.3 32.8 1.6	101.0 14.7 21.2 1.6 153.1
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving Secondary Diagnoses		45 13 20 1 85	62 9 13 1 94	73.8 21.3 32.8 1.6 139.3 101.1	101.0 14.7 21.2 1.6 153.1 93.1
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses		45 13 20 1 85	62 9 13 1 94	73.8 21.3 32.8 1.6 139.3 101.1	101.0 14.7 21.2 1.6 <b>153.1</b> 93.1
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome		45 13 20 1 85	62 9 13 1 94	73.8 21.3 32.8 1.6 139.3 101.1	101.0 14.7 21.2 1.6 <b>153.1</b> 93.1
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		45 13 20 1 85 4 66 22	62 9 13 1 94	73.8 21.3 32.8 1.6 139.3 101.1	101.0 14.7 21.2 1.6 <b>153.1</b> <b>93.1</b> 9.8 109.1 48.9
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis		45 13 20 1 85	62 9 13 1 94	73.8 21.3 32.8 1.6 139.3 101.1	101.0 14.7 21.2 1.6 <b>153.1</b> 93.1
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		45 13 20 1 85 4 66 22	62 9 13 1 94 6 67 30 21	73.8 21.3 32.8 1.6 139.3 101.1	101.0 14.7 21.2 1.6 153.1 93.1 9.8 109.1 48.9
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	cial Rate	45 13 20 1 85 4 66 22 19	62 9 13 1 94	73.8 21.3 32.8 1.6 139.3 101.1	101.0 14.7 21.2 1.6 <b>153.1</b> 93.1 9.8 109.1 48.9 34.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	Total	45 13 20 1 85 4 66 22 19	62 9 13 1 94 6 67 30 21	73.8 21.3 32.8 1.6 139.3 101.1  6.6 108.2 36.1 31.1 - 182.0 190.9	9.8 109.1 48.9 34.2 202.0 189.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving	Total	45 13 20 1 85 4 66 22 19	62 9 13 1 94	73.8 21.3 32.8 1.6 139.3 101.1 6.6 108.2 36.1 31.1 - 182.0 190.9	101.0 14.7 21.2 1.6 <b>153.1</b> 93.1 9.8 109.1 48.9 34.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	Total	45 13 20 1 85 4 66 22 19 - 111	62 9 13 1 94 6 6 67 30 21 - 124	73.8 21.3 32.8 1.6 139.3 101.1 6.6 108.2 36.1 31.1 - 182.0 190.9	9.8 109.1 48.9 34.2 202.0 189.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	Total	45 13 20 1 85 4 66 22 19 - 111	62 9 13 1 94 6 67 30 21 - 124 1992-93	73.8 21.3 32.8 1.6 139.3 101.1 6.6 108.2 36.1 31.1 - 182.0 190.9	101.0 14.7 21.2 1.6 153.1 93.1 9.8 109.1 48.9 34.2 - 202.0 189.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	Total cial Rate	45 13 20 1 85 85 4 66 22 19 - 111	62 9 13 1 94 6 67 30 21 - 124 1992-93	73.8 21.3 32.8 1.6 139.3 101.1 6.6 108.2 36.1 31.1 - 182.0 190.9	101.0 14.7 21.2 1.6 153.1 93.1 9.8 109.1 48.9 34.2 - 202.0 189.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Proving  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	Total	45 13 20 1 85 4 66 22 19 - 111	62 9 13 1 94 6 67 30 21 - 124 1992-93	73.8 21.3 32.8 1.6 139.3 101.1 6.6 108.2 36.1 31.1 - 182.0 190.9	9.8 109.1 48.9 34.2 202.0 189.2

## HURON

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

Г	Numbe	er	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	-
Alcohol Dependence Syndrome	1	1	1.6	1.6
Chronic Liver Disease and Cirrhosis	1	2	1.6	3.3
Total	2	3	3.3	4.9
Provincial Rate			10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	69	62	113.2	100.8
Heroin	•	-	-	-
Cocaine	2	1	3.6	2.0
Other Drugs	1	4	1.6	6.2
Controlled Drugs	-	-	-	-
Restricted Drugs	1	1	2.0	2.2
Total	73	68	120.4	111.2
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	2	1	3.3	1.6
Drug Dependence	-	7	-	11.4
Nondependent Abuse of Drugs	1	1	1.6	1.6
Poisoning by Analgesics, Antipyretics	12	20	19.7	32.6
Poisoning by Sedatives and Hypnotics	3	1	4.9	1.6
Poisoning by Psychotropic Agents	9	8	14.8	13.0
Total	27	38	44.3	61.9
Provincial Rate		L	67.0	63.6
Secondary Diagnoses				
Drug Psychoses	8	3	13.1	4.9
Drug Dependence	17	7	27.9	11.4
Nondependent Abuse of Drugs	12	11	19.7	17.9
Poisoning by Analgesics, Antipyretics	7	8	11.5	13.0
Poisoning by Sedatives and Hypnotics	1	1	1.6	1.6
Poisoning by Psychotropic Agents	9	8	14.8	13.0
Total	54	38	88.5	61.9
Provincial Rate		L	75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-		-	-
Drug Dependence	1		1.6	-
Nondependent Abuse of Drugs	-	-		-
Total	1		1.6	-
Provincial Rate			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
		4	4.0	4.6

Suicide Undetermined

Accidental Poisoning

1

Total

Provincial Rate

1.6

1.6

3.1

1

1.6

1.6

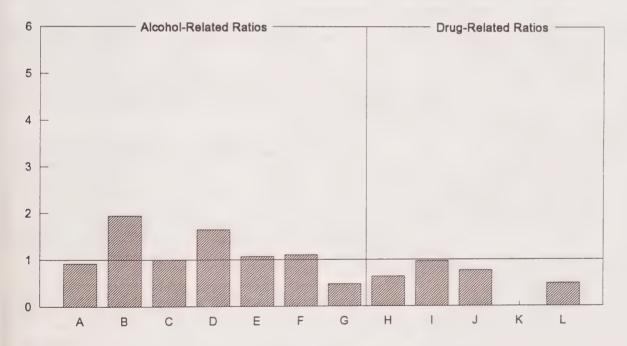
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### HURON

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	nousands)			
0- 9	8.8	8.8	9.0	9.0	9.0	9.2	9.0
10-14	4.3	4.4	4.4	4.5	4.6	4.7	4.7
15-19	4.5	4.4	4.3	4.3	4.3	4.4	4.5
20-29	8.8	8.6	8.6	8.4	8.0	7.9	7.6
30-39	8.1	8.3	8.4	8.7	8.9	9.1	9.2
40-49	5.9	6.2	6.4	6.7	7.1	7.3	7.6
50-59	5.4	5.4	5.4	5.4	5.4	5.5	5.5
60-64	2.9	2.9	3.0	3.0	3.1	3.1	3.1
65-74	5.3	5.3	5.4	5.5	5.7	5.8	5.8
75+	3.5	3.7	3.8	3.9	4.0	4.1	4.3
Total population	57.6	58.1	58.8	59.5	60.2	61.0	61.4
Aged 15 and over	44.4	44.8	45.3	45.9	46.5	47.2	47.6
Aged 20 and over	39.9	40.4	41.0	41.6	42.2	42.8	43.1

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

## **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## KENORA

## ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol			1990-91		1990-91
	-	Numbe	r	Litres per per	son 15+
Litres			594,623		12.9
				Rates per 100	
Estimated Low Risk Consumers			21,000		45,454.5
Estimated Moderate Risk Consumers			9,700		20,995.7
Estimated High Risk Consumers			4,800		10,389.6
Legal Offences		1990	1993	1990	1993
Liquor Act		5,173	6,253	8,250.4	9,664.6
Impaired Operation Causing Death		1	-	1.6	-
Impaired Operation Causing Bodily Harm		2	-	3.2	-
Impaired Operation Over 80 mg%		441	367	703.3	567.2
Fail/Refuse to Provide Breath/Blood Sample		19	18	30.3	27.8
	Total	5,636	6,638	8,989	10,259.7
			L	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes		1991	1992	1991	1992
Resulting in Property Damage		58	60	90.9	92.7
Resulting in Personal Injury		41	43	64.3	66.5
Resulting in Fatalities		4	6	6.3	9.3
	Total	103	109	161.4	168.5
Provincia	I Rate			134.0	137.0
General Hospital Separations					
Primary Diagnoses	-	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	-	57	40	89.3	61.8
Alcohol Dependence Syndrome		132	128	206.9	197.8
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis		15	33	23.5	51.0 35.5
Cilionic Liver Disease and Cilinosis					
Taxia Effects of Alachal		16	23	25.1	
Toxic Effects of Alcohol	Total	4	1	6.3	1.5
	Total			6.3 <b>351.1</b>	1.5 <b>347.8</b>
Provincia		4	1	6.3	1.5
1		4	1	6.3 <b>351.1</b>	1.5 <b>347.8</b>
Provincial  Secondary Diagnoses		224	225	6.3 351.1 101.1	1.5 347.8 93.1
Provincial  Secondary Diagnoses  Alcoholic Psychoses		4 224	1 225	6.3 351.1 101.1	1.5 347.8 93.1
Provincial  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome		19 333	1 225 19 281	6.3 351.1 101.1 29.8 521.9	1.5 347.8 93.1 29.4 434.3 74.2 75.7
Provincial  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol		19 333 38 22	19 225 19 281 48 49 1	6.3 351.1 101.1 29.8 521.9 59.6 34.5	1.5 347.8 93.1 29.4 434.3 74.2 75.7 1.5
Provincial  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol	I Rate	19 333 38	19 225 19 281 48 49	6.3 351.1 101.1 29.8 521.9 59.6 34.5	1.5 347.8 93.1 29.4 434.3 74.2 75.7 1.5 615.1
Provincial  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol	I Rate	19 333 38 22	19 225 19 281 48 49 1	6.3 351.1 101.1 29.8 521.9 59.6 34.5	1.5 347.8 93.1 29.4 434.3 74.2 75.7 1.5
Provincial  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincial  Mental Hospital Separations	I Rate	19 333 38 22 -	19 225 281 48 49 1 398	6.3 351.1 101.1 29.8 521.9 59.6 34.5 - 645.8 190.9	1.5 347.8 93.1 29.4 434.3 74.2 75.7 1.5 615.1 189.2
Provincial  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincial  Mental Hospital Separations  Primary Diagnoses	I Rate	19 333 38 22 - 412	19 225 19 281 48 49 1 398	6.3 351.1 101.1 29.8 521.9 59.6 34.5 - 645.8 190.9	1.5 347.8 93.1 29.4 434.3 74.2 75.7 1.5 615.1 189.2
Provincial  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincial  Mental Hospital Separations  Primary Diagnoses  Alcoholic Psychoses	I Rate	19 333 38 22 - 412	19 225 19 281 48 49 1 398	6.3 351.1 101.1 29.8 521.9 59.6 34.5 - 645.8 190.9	1.5 347.8 93.1 29.4 434.3 74.2 75.7 1.5 615.1 189.2
Provincial  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincial  Mental Hospital Separations  Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome	I Rate	19 333 38 22 - 412	19 225 19 281 48 49 1 398	6.3 351.1 101.1 29.8 521.9 59.6 34.5 - 645.8 190.9	1.5 347.8 93.1 29.4 434.3 74.2 75.7 1.5 615.1 189.2
Provincial  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provincial  Mental Hospital Separations  Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol	I Rate	19 333 38 22 - 412	19 225 19 281 48 49 1 398	6.3 351.1 101.1 29.8 521.9 59.6 34.5 - 645.8 190.9	1.5 347.8 93.1 29.4 434.3 74.2 75.7 1.5 615.1 189.2

## **KENORA**

## ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00,000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	-
Alcohol Dependence Syndrome	1	-	1.6	-
Chronic Liver Disease and Cirrhosis	3	3	4.7	4.6
Total	4	3	6.3	4.6
Provincial Rate			10.7	10.3
RUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	131	202	205.5	311.8
Heroin	-	-	-	
Cocaine	7	23	10.2	36.0
Other Drugs	12	9	18.8	13.8
Controlled Drugs	1	25	1.6	38.3
Restricted Drugs	2	8	3.8	12.7
Total	153	267	239.9	412.4
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	2	3	3.1	4.6
Drug Dependence	19	43	29.8	66.5
Nondependent Abuse of Drugs	2	5	3.1	7.7
Poisoning by Analgesics, Antipyretics	46	50	72.1	77.3
Poisoning by Sedatives and Hypnotics	-	3	-	4.6
Poisoning by Psychotropic Agents	15	16	23.5	24.7
Total	84	120	131.7	185.5
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	-	2	-	3.1
Drug Dependence	32	42	50.2	64.9
Nondependent Abuse of Drugs	16	23	25.1	35.5
Poisoning by Analgesics, Antipyretics	10	15	15.7	23.2
Poisoning by Sedatives and Hypnotics	-	-	-	-
Poisoning by Psychotropic Agents	5	7	7.8	10.8
Total	63	89	98.7	137.6
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-		-	-
Drug Dependence	3	2	4.7	3.1
Nondependent Abuse of Drugs	-	1	-	1.5
Total	3	3	4.7	4.6
Provincial Rate			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992

1.5

3.1

4.6

3.4

1.6

3.1

4.7

3.1

Suicide Undetermined

Accidental Poisoning

Total

**Provincial Rate** 

1

2

3

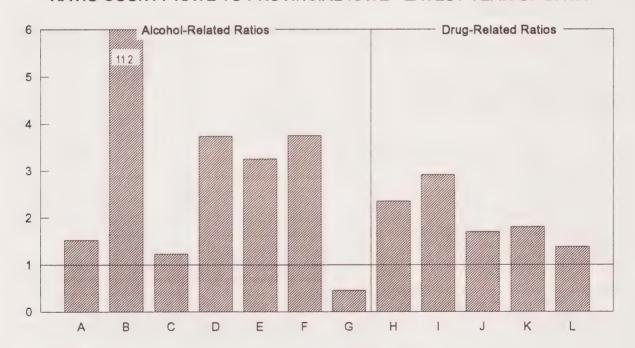
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#### **KENORA**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992		
_	(in thousands)								
0- 9	10.8	11.0	11.0	11.2	11.3	11.3	11.5		
10-14	5.3	5.2	5.2	5.1	5.1	5.3	5.4		
15-19	5.2	5.3	5.1	5.1	5.1	5.1	5.1		
20-29	11.3	11.3	11.1	10.9	10.6	10.6	10.5		
30-39	9.5	9.5	9.7	9.9	10.2	10.6	10.9		
40-49	6.3	6.5	6.7	6.9	7.2	7.5	7.7		
50-59	5.2	5.2	5.2	5.2	5.2	5.3	5.4		
60-64	2.3	2.3	2.3	2.3	2.3	2.3	2.3		
65-74	3.3	3.4	3.5	3.5	3.5	3.6	3.6		
75+	1.8	1.9	2.0	2.1	2.1	2.2	2.3		
Total population	60.9	61.5	61.8	62.3	62.7	63.8	64.7		
Aged 15 and over	44.9	45.4	45.6	45.9	46.2	47.2	47.8		
Aged 20 and over	39.7	40.1	40.5	40.8	41.1	42.1	42.7		

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohoi
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## KENT

## **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol			1990-91		1990-91
		Number		Litres per person 15+	
Litres			723,728		8.2
				Rates per 100	,000 15+
Estimated Low Risk Consumers			54,900		62,174.4
Estimated Moderate Risk Consumers			10,800		12,231.0
Estimated High Risk Consumers			4,700		5,322.8
Legal Offences	_	1990	1993	1990	1993
Liquor Act		2,455	1,539	2,168.7	1,346.5
Impaired Operation Causing Death			- 1,000	2,100.7	1,040.0
Impaired Operation Causing Bodily Harm		6	3	5.3	2.6
Impaired Operation Over 80 mg%		663	384	585.7	336.0
Fail/Refuse to Provide Breath/Blood Sampl	le	54	34	47.7	29.7
	Total	3,178	1,960	2,807	1,714.8
				1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes		1991	1992	1991	1992
Resulting in Property Damage		96	104	84.4	91.0
Resulting in Personal Injury		94	77	82.6	67.4
Resulting in Fatalities		3	7	2.6	6.1
9	Total	193	188	169.6	164.5
Provincia	l Rate			134.0	137.0
General Hospital Separations					
Driman, Diagnacae					
Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses		12	18	10.5	15.7
Alcoholic Psychoses Alcohol Dependence Syndrome		12 86	18 68	10.5 75.6	15.7 59.5
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		12 86 24	18 68 35	10.5 75.6 21.1	15.7 59.5 30.6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis		12 86 24 55	18 68 35 44	10.5 75.6 21.1 48.3	15.7 59.5 30.6 38.5
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol		12 86 24 55	18 68 35 44 10	10.5 75.6 21.1 48.3 7.9	15.7 59.5 30.6 38.5 8.7
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	Total	12 86 24 55	18 68 35 44	10.5 75.6 21.1 48.3	15.7 59.5 30.6 38.5
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia		12 86 24 55	18 68 35 44 10	10.5 75.6 21.1 48.3 7.9 163.4	15.7 59.5 30.6 38.5 8.7 <b>153.1</b>
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses		12 86 24 55 9	18 68 35 44 10 175	10.5 75.6 21.1 48.3 7.9 163.4 101.1	15.7 59.5 30.6 38.5 8.7 <b>153.1</b> <b>93.1</b>
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses		12 86 24 55 9 186	18 68 35 44 10 175	10.5 75.6 21.1 48.3 7.9 163.4 101.1	15.7 59.5 30.6 38.5 8.7 <b>153.1</b> <b>93.1</b>
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcohol Dependence Syndrome		12 86 24 55 9 186	18 68 35 44 10 175	10.5 75.6 21.1 48.3 7.9 163.4 101.1	15.7 59.5 30.6 38.5 8.7 153.1 93.1
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		12 86 24 55 9 186	18 68 35 44 10 175	10.5 75.6 21.1 48.3 7.9 163.4 101.1	15.7 59.5 30.6 38.5 8.7 <b>153.1</b> <b>93.1</b>
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis		12 86 24 55 9 186	18 68 35 44 10 175	10.5 75.6 21.1 48.3 7.9 163.4 101.1 12.3 193.3 24.6 79.1	15.7 59.5 30.6 38.5 8.7 153.1 93.1 22.7 218.7 31.5 72.6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	I Rate	12 86 24 55 9 186	18 68 35 44 10 175	10.5 75.6 21.1 48.3 7.9 163.4 101.1 12.3 193.3 24.6 79.1 1.8	15.7 59.5 30.6 38.5 8.7 153.1 93.1 22.7 218.7 31.5 72.6 2.6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	I Rate	12 86 24 55 9 186	18 68 35 44 10 175	10.5 75.6 21.1 48.3 7.9 163.4 101.1 12.3 193.3 24.6 79.1	15.7 59.5 30.6 38.5 8.7 153.1 93.1 22.7 218.7 31.5 72.6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations	I Rate	12 86 24 55 9 186 14 220 28 90 2	18 68 35 44 10 175	10.5 75.6 21.1 48.3 7.9 163.4 101.1 12.3 193.3 24.6 79.1 1.8 311.1 190.9	15.7 59.5 30.6 38.5 8.7 153.1 93.1 22.7 218.7 31.5 72.6 2.6 348.2 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations Primary Diagnoses	I Rate	12 86 24 55 9 186	18 68 35 44 10 175 26 250 36 83 3 398	10.5 75.6 21.1 48.3 7.9 163.4 101.1 12.3 193.3 24.6 79.1 1.8 311.1 190.9	15.7 59.5 30.6 38.5 8.7 153.1 93.1 22.7 218.7 31.5 72.6 2.6 348.2 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	I Rate	12 86 24 55 9 186	18 68 35 44 10 175 26 250 36 83 3 398	10.5 75.6 21.1 48.3 7.9 163.4 101.1 12.3 193.3 24.6 79.1 1.8 311.1 190.9	15.7 59.5 30.6 38.5 8.7 153.1 93.1 22.7 218.7 31.5 72.6 2.6 348.2 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations Primary Diagnoses Alcohol Dependence Syndrome	I Rate	12 86 24 55 9 186 14 220 28 90 2 354	18 68 35 44 10 175 26 250 36 83 3 398	10.5 75.6 21.1 48.3 7.9 163.4 101.1 12.3 193.3 24.6 79.1 1.8 311.1 190.9	15.7 59.5 30.6 38.5 8.7 153.1 93.1 22.7 218.7 31.5 72.6 2.6 348.2 189.2 1992-93 0.9 7.9
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	I Rate	12 86 24 55 9 186	18 68 35 44 10 175 26 250 36 83 3 398	10.5 75.6 21.1 48.3 7.9 163.4 101.1 12.3 193.3 24.6 79.1 1.8 311.1 190.9	15.7 59.5 30.6 38.5 8.7 153.1 93.1 22.7 218.7 31.5 72.6 2.6 348.2 189.2

## **KENT**

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Number		Rates per 100,000			
Mortality	1991	1992	1991	1992		
Alcohol Psychoses			-	-		
Alcohol Dependence Syndrome	2	1	1.8	0.9		
Chronic Liver Disease and Cirrhosis	12	11	10.5	9.6		
Total		12	12.3	10.5		
Provincial Rat			10.7	10.3		
DRUG-RELATED OCCURRENCES						
Legal Offences	1991	1992	1991	1992		
Marijuana Marijuana	189	239	165.6	209.0		
Heroin	109	235	103.0	203.0		
Cocaine	9	36	7.6	31.1		
	5	20		17.8		
Other Drugs			4.4			
Controlled Drugs	- 7	8	6.2	7.2		
Restricted Drugs	7	12	6.3	10.8		
Total Provincial Rat		315	184.0	275.8		
Provincial Rat	e	_	200.9	175.3		
General Hospital Separations	4204.02	4002.02	4004.02	4002.02		
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93		
Drug Psychoses	3	7	2.6	2.6		
Drug Dependence	10		8.8	6.1		
Nondependent Abuse of Drugs	12	10	10.5	8.7		
Poisoning by Analgesics, Antipyretics	35	20	30.8	17.5		
Poisoning by Sedatives and Hypnotics	9	3	7.9	2.6		
Poisoning by Psychotropic Agents	37	24	32.5	21.0		
Total Provincial Rat		67	93.1 67.0	58.6 63.6		
Tiovinoidi Ada	е	_	07.0	00.0		
Secondary Diagnoses						
Drug Psychoses	7	6	6.2	5.2		
Drug Dependence	19	20	16.7	17.5		
Nondependent Abuse of Drugs	31	39	27.2	34.1		
Poisoning by Analgesics, Antipyretics	15	24	13.2	21.0		
Poisoning by Sedatives and Hypnotics	6	4	5.3	3.5		
Poisoning by Psychotropic Agents	13	31	11.4	27.1		
Total		124	80.0	108.5		
Provincial Rat	e	_	75.2	81.0		
Mental Hospital Separations						
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93		
Drug Psychoses	1	1	0.9	0.9		
Drug Dependence	-	3	-	2.6		
Nondependent Abuse of Drugs	-	-	-	-		
Total		4	0.9	3.5		
Provincial Rat	e	L	2.1	2.6		
Mortality:						
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992		
Accidental Poisoning	2	2	1.8	1.7		
Cuinida		4	2.6	0.0		

Undetermined

Suicide

Total

**Provincial Rate** 

3

5

1

3

0.9

2.6

3.4

2.6

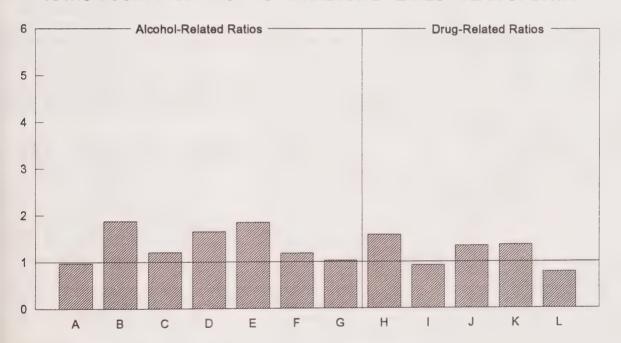
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#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			housands)				
0- 9	16.4	16.5	16.6	16.5	16.7	16.6	16.5
10-14	8.2	8.1	8.0	8.1	8.2	8.4	8.5
15-19	8.6	8.4	8.4	8.3	8.4	8.4	8.5
20-29	19.4	19.1	18.7	18.3	17.7	16.9	16.5
30-39	16.6	16.8	17.1	17.6	18.0	18.3	18.5
40-49	11.8	12.3	12.8	13.3	13.8	14.3	14.7
50-59	10.3	10.2	10.1	10.2	10.2	10.3	10.5
60-64	5.2	5.2	5.1	5.1	5.2	5.1	5.0
65-74	7.9	8.2	8.3	8.5	8.6	8.9	9.0
75+	5.7	5.9	6.1	6.2	6.4	6.6	6.7
Total population	110.1	110.6	111.1	112.2	113.2	113.8	114.3
Aged 15 and over	85.5	86.1	86.6	87.5	88.3	88.8	89.4
Aged 20 and over	76.9	77.7	78.2	79.2	79.9	80.4	80.9

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



## **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## LAMBTON

## **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol	1990-91		1990-91	
	Numbe		Litres per per	
Litres		878,242		8.5
			Rates per 100	
Estimated Low Risk Consumers		64,800		62,669.2
Estimated Moderate Risk Consumers		13,100		12,669.2
Estimated High Risk Consumers		5,700		5,512.6
Legal Offences	1990	1993	1990	1993
Liquor Act	4,686	2,526	3,518.0	1,865.6
Impaired Operation Causing Death	-	2	-	1.5
Impaired Operation Causing Bodily Harm	5	3	3.8	2.2
Impaired Operation Over 80 mg%	436	319	327.3	235.6
Fail/Refuse to Provide Breath/Blood Sample	23	34	17.3	25.1
Total	5,150	2,884	3,866	2,130.0
		L	1,383.1	919.1
Drivers in Alaskal Paleted Troffic Crashes	1991	1992	1991	1992
Drivers in Alcohol-Related Traffic Crashes Resulting in Property Damage	119	123	88.6	90.8
Resulting in Property Damage  Resulting in Personal Injury	89	95	66.3	70.2
Resulting in Fersonal injury  Resulting in Fatalities	7	95	5.2	5.2
Total	215	225	160.1	166.2
Provincial Rate	213	223	134.0	137.0
				10710
General Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	24	18	17.9	13.3
Alcoholic Psychoses Alcohol Dependence Syndrome	112	83	83.4	61.3
Nondependent Abuse of Alcohol	70	44	52.1	32.5
Chronic Liver Disease and Cirrhosis	59	52	43.9	38.4
Toxic Effects of Alcohol	4	2	3.0	1.5
Total	269	199	200.3	147.0
Provincial Rate	209	199	101.1	93.1
Secondary Diagnoses				
Alcoholic Psychoses	8	9	6.0	6.6
Alcohol Dependence Syndrome	101	128	75.2	94.5
Nondependent Abuse of Alcohol	69	70	51.4	51.7
Chronic Liver Disease and Cirrhosis	62	72	46.2	53.2
Toxic Effects of Alcohol	4	2	3.0	1.5
Total	244	281	181.7	207.5
Provincial Rate			190.9	189.2
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	-	-	-	
Alcohol Dependence Syndrome	8	9	6.0	6.6
	1	-	0.7	-
Nondependent Abuse of Alcohol				
Nondependent Abuse of Alcohol  Total  Provincial Rate	9	9	6.7 8.5	6.6 7.4

# **LAMBTON**

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses		- 1002		1002
Alcohol Dependence Syndrome	-	1	_	0.7
Chronic Liver Disease and Cirrhosis	17	15	12.7	11.1
	otal 17	16	12.7	11.8
Provincial I		10	10.7	10.3
RUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	61	90	45.3	66.7
Heroin			-70.0	
Cocaine	1	2	0.8	1.8
Other Drugs	8		6.0	1.0
Controlled Drugs	-		- 0.0	6.1
•		8		
Restricted Drugs	22	3	16.0	2.0
Provincial F	otal 92	104	68.1	76.6
Provincial	Kate		200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	9	4	6.7	3.0
Drug Dependence	6	19	4.5	14.0
Nondependent Abuse of Drugs	18	22	13.4	16.2
Poisoning by Analgesics, Antipyretics	28	16	20.8	11.8
Poisoning by Sedatives and Hypnotics	13	13	9.7	9.6
Poisoning by Psychotropic Agents	25	16	18.6	11.8
	otal 99	90	73.7	66.5
Provincial F	Rate		67.0	63.6
Secondary Diagnoses				
Drug Psychoses	2	5	1.5	3.7
Drug Dependence	6	14	4.5	10.3
	30	33	22.3	24.4
Nondependent Abuse of Drugs	17	36	12.7	26.6
Poisoning by Analgesics, Antipyretics				
Poisoning by Sedatives and Hypnotics	10	12	7.4	8.9
Poisoning by Psychotropic Agents	28	40	20.8	29.5
To Provincial F	otal 93	140	69.2 75.2	103.4 81.0
	Kale	_	13.2	01.0
Mental Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	1	-	0.7
Drug Dependence	2		1.5	-
			-	-
Nondependent Abuse of Drugs		1	1.5	0.7
Provincial F			2.1	2.6
		Lan		
Mortality: From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
	1		0.7	-
Accidental Poisoning	3		2.2	_
Chinido	.71		4.4	

3.4

2.2

3.0

3.1

Suicide Undetermined

Total

Provincial Rate

3

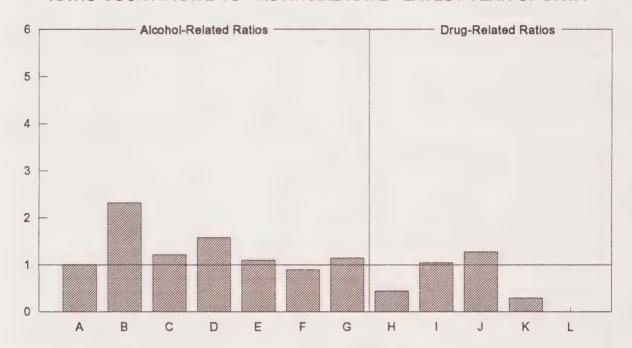
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#### LAMBTON

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	housands)			
0- 9	19.7	19.7	19.6	19.9	20.0	19.9	19.7
10-14	9.6	9.6	9.7	9.8	9.7	9.9	9.9
15-19	10.1	10.0	9.9	9.8	10.0	9.9	10.0
20-29	22.0	21.1	20.4	19.9	19.3	18.8	18.5
30-39	20.6	20.9	21.2	21.7	22.0	22.3	22.4
40-49	14.3	15.0	15.7	16.4	17.0	17.7	18.4
50-59	12.9	12.8	12.6	12.7	12.5	12.6	12.8
60-64	6.2	6.1	6.3	6.4	6.4	6.5	6.5
65-74	8.6	9.0	9.3	9.6	10.0	10.3	10.7
75+	5.3	5.5	5.7	5.9	6.2	6.4	6.7
Total population	129.2	129.5	130.3	132.0	133.2	134.3	135.4
Aged 15 and over	100.0	100.4	101.1	102.4	103.4	104.5	106.0
Aged 20 and over	89.9	90.4	91.2	92.6	93.4	94.6	96.0

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
  K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## LANARK

# ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol			1990-91		1990-91
	_	Numbe		Litres per per	
Litres			419,218	Littles per per	9.6
				Rates per 100	
Estimated Low Risk Consumers			25,600	•	58,715.6
Estimated Moderate Risk Consumers			6,500		14,908.3
Estimated High Risk Consumers			2,900		6,651.4
Legal Offences		1990	1993	1990	1993
Liquor Act		833	599	1,503.6	1,032.8
Impaired Operation Causing Death		-	-	-	-
Impaired Operation Causing Bodily Harm		2	-	3.6	-
Impaired Operation Over 80 mg%		236	197	426.0	339.7
Fail/Refuse to Provide Breath/Blood Sampl		15	10	27.1	17.2
	Total	1,086	806	1,960	1,389.7
			L	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes		1991	1992	1991	1992
Resulting in Property Damage		57	70	100.5	120.7
Resulting in Personal Injury		60	48	105.8	82.8
Resulting in Fatalities		-	5	-	8.6
_	Total	117	123	206.3	212.1
Provincia	I Rate			134.0	137.0
General Hospital Separations					
Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses		10	7	17.6	12.1
Alcohol Dependence Syndrome					
		43	36	75.8	62.1
Nondependent Abuse of Alcohol		9	4	75.8 15.9	6.9
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis		9 14	4 8	75.8 15.9 24.7	6.9 13.8
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	Total	9 14 5	4 8 2	75.8 15.9 24.7 8.8	6.9 13.8 3.4
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	Total	9 14	4 8	75.8 15.9 24.7	6.9 13.8
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia		9 14 5	4 8 2	75.8 15.9 24.7 8.8 142.9	6.9 13.8 3.4 <b>98.3</b>
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses		9 14 5 <b>81</b>	4 8 2 57	75.8 15.9 24.7 8.8 142.9 101.1	6.9 13.8 3.4 98.3 93.1
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses		9 14 5	4 8 2	75.8 15.9 24.7 8.8 142.9	6.9 13.8 3.4 <b>98.3</b>
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome		9 14 5 <b>81</b> 6 97	5 83	75.8 15.9 24.7 8.8 142.9 101.1	6.9 13.8 3.4 98.3 93.1
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		9 14 5 <b>81</b>	4 8 2 57	75.8 15.9 24.7 8.8 142.9 101.1	6.9 13.8 3.4 98.3 93.1
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome		9 14 5 <b>81</b> 6 97 12	5 83 12 38	75.8 15.9 24.7 8.8 142.9 101.1 10.6 171.1 21.2 81.1 3.5	6.9 13.8 3.4 98.3 93.1 8.6 143.1 20.7 65.5
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol		9 14 5 <b>81</b> 6 97 12 46	5 83 12 38	75.8 15.9 24.7 8.8 142.9 101.1 10.6 171.1 21.2 81.1 3.5 287.5	6.9 13.8 3.4 98.3 93.1 8.6 143.1 20.7 65.5
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	I Rate	9 14 5 81 6 97 12 46 2	5 83 12 38	75.8 15.9 24.7 8.8 142.9 101.1 10.6 171.1 21.2 81.1 3.5	6.9 13.8 3.4 98.3 93.1 8.6 143.1 20.7 65.5
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations	I Rate	9 14 5 81 6 97 12 46 2 163	5 83 12 38 -	75.8 15.9 24.7 8.8 142.9 101.1 10.6 171.1 21.2 81.1 3.5 287.5 190.9	6.9 13.8 3.4 98.3 93.1 8.6 143.1 20.7 65.5 - 237.9 189.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations Primary Diagnoses	I Rate	9 14 5 81 6 97 12 46 2	4 8 2 57 57 83 12 38 - 138	75.8 15.9 24.7 8.8 142.9 101.1 10.6 171.1 21.2 81.1 3.5 287.5	6.9 13.8 3.4 98.3 93.1 8.6 143.1 20.7 65.5 - 237.9 189.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	I Rate	9 14 5 81 6 97 12 46 2 163	4 8 2 57 57 5 83 12 38 - 138	75.8 15.9 24.7 8.8 142.9 101.1 10.6 171.1 21.2 81.1 3.5 287.5 190.9	6.9 13.8 3.4 98.3 93.1 8.6 143.1 20.7 65.5 - 237.9 189.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	I Rate	9 14 5 81 6 97 12 46 2 163	4 8 2 57 57 83 12 38 - 138	75.8 15.9 24.7 8.8 142.9 101.1 10.6 171.1 21.2 81.1 3.5 287.5 190.9	6.9 13.8 3.4 98.3 93.1 8.6 143.1 20.7 65.5 - 237.9 189.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provincia  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	I Rate	9 14 5 81 6 97 12 46 2 163	4 8 2 57 57 5 83 12 38 - 138	75.8 15.9 24.7 8.8 142.9 101.1 10.6 171.1 21.2 81.1 3.5 287.5 190.9	6.9 13.8 3.4 98.3 93.1 8.6 143.1 20.7 65.5 - 237.9 189.2

## LANARK

# ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00,000
Mortality	1991	1992	1991	199
Alcohol Psychoses	1	1	1.8	1.
Alcohol Dependence Syndrome	1		1.8	
Chronic Liver Disease and Cirrhosis	3	6	5.3	10.
Total		7	8.8	12.
Provincial Rat			10.7	10.
UG-RELATED OCCURRENCES	le	_	10.7 }	10.
Legal Offences	1991	1992	1991	199
Marijuana	82	90	144.5	155.
Heroin	-	-	-	
Cocaine	35	20	61.4	33.
Other Drugs	9	6	15.9	11
Controlled Drugs	-	17	-	28
Restricted Drugs	2	1	4.2	2
Total		134	226.0	231
Provincial Rat	e	L	200.9	175
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-9
Drug Psychoses	2	2	3.5	3
Drug Dependence	-	1	-	1
Nondependent Abuse of Drugs	7	1	12.3	1
Poisoning by Analgesics, Antipyretics	15	7	26.5	12
Poisoning by Sedatives and Hypnotics	5	2	8.8	3
Poisoning by Psychotropic Agents	11	17	19.4	29
Total		30	70.5	51.
Provincial Rat		30	67.0	63.
		_		
Secondary Diagnoses Drug Psychoses	3	4	5.3	6.
Drug Dependence	1	7	1.8	12
Nondependent Abuse of Drugs	13	9	22.9	15.
·				
Poisoning by Analgesics, Antipyretics	7	10	12.3	17
Poisoning by Sedatives and Hypnotics	1		1.8	1
Poisoning by Psychotropic Agents	6	9	10.6	15
Total		40	54.7	69
Provincial Rat	e		75.2	81.
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-9
Drug Psychoses	•		-	
Drug Dependence	1	-	1.8	
Nondependent Abuse of Drugs	-	-	-	
Total	1	-	1.8	
Provincial Rat			2.1	2.
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	199
Accidental Poisoning	-	1	-	1.
Suicide	1	-	1.8	
Undetermined			1.0	
Ondetermined			4.0	

Total

**Provincial Rate** 

1.7

3.4

1.8

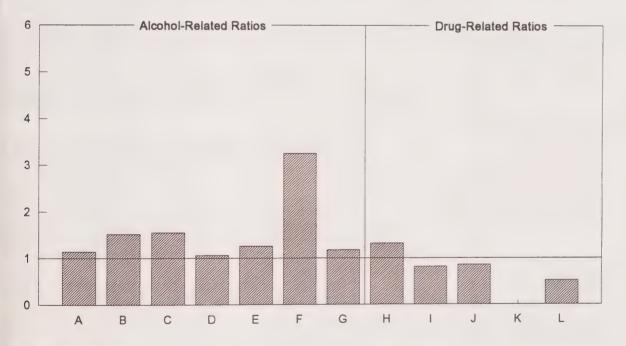
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#### LANARK

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	housands)			
0- 9	7.2	7.4	7.6	7.9	8.1	8.4	8.6
10-14	3.4	3.4	3.4	3.5	3.5	3.7	3.7
15-19	3.6	3.6	3.5	3.5	3.5	3.5	3.7
20-29	8.4	8.2	8.1	7.9	7.7	7.5	7.4
30-39	8.4	8.6	8.9	9.2	9.5	9.9	10.1
40-49	5.6	6.0	6.4	6.7	7.2	7.6	7.9
50-59	4.8	4.8	4.8	5.0	5.1	5.3	5.4
60-64	2.6	2.5	2.5	2.6	2.6	2.6	2.6
65-74	4.2	4.3	4.4	4.4	4.6	4.8	4.9
75+	3.0	3.1	3.2	3.3	3.4	3.5	3.6
Total population	51.1	51.9	52.9	53.9	55.4	56.7	58.0
Aged 15 and over	40.6	41.1	41.8	42.6	43.6	44.7	45.6
Aged 20 and over	37.0	37.5	38.3	39.1	40.1	41.2	41.9

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

## **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# **LEEDS and GRENVILLE**

# ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol		1990-91		1990-91
	Numbe		Litres per per	
Litres		656,884		8.9
Satisfact to the Birth Community		44.000	Rates per 100	
Estimated Low Risk Consumers		44,800		61,035.4
Estimated Moderate Risk Consumers		10,000		13,624.0
Estimated High Risk Consumers		4,400		5,994.6
Legal Offences	1990	1993	1990	1993
Liquor Act	1,279	775	1,402.4	813.2
Impaired Operation Causing Death	1		1.1	-
Impaired Operation Causing Bodily Harm	3	7	3.3	7.3
Impaired Operation Over 80 mg%	467	426	512.1	447.0
Fail/Refuse to Provide Breath/Blood Sample	18	29	19.7	30.4
Total	1,768	1,237	1,939	1,298.0
			1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	104	109	111.5	114.4
Resulting in Personal Injury	87	93	93.2	97.6
Resulting in Fatalities	5	6	5.4	6.3
Total	196	208	210.1	218.3
Provincial Rate		L	134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	10	3	10.7	3.1
Alcohol Dependence Syndrome	35	33	37.5	34.6
Nondependent Abuse of Alcohol	13	10	13.9	10.5
Chronic Liver Disease and Cirrhosis	33	23	35.4	24.1
Toxic Effects of Alcohol	4	5	4.3	5.2
Total	95	74	101.8	77.6
Provincial Rate	95	74	101.8	
Provincial Rate Secondary Diagnoses			101.1	93.1
Secondary Diagnoses Alcoholic Psychoses	11	13	101.1	<b>93.1</b> 13.6
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	11 118	13	101.1 11.8 126.5	13.6 103.9
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	11 118 29	13 99 19	101.1 11.8 126.5 31.1	13.6 103.9 19.9
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	11 118 29 54	13 99 19 36	11.8 126.5 31.1 57.9	13.6 103.9 19.9 37.8
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	11 118 29 54	13 99 19 36	11.8 126.5 31.1 57.9 3.2	13.6 103.9 19.9 37.8 1.0
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	11 118 29 54	13 99 19 36	11.8 126.5 31.1 57.9	13.6 103.9 19.9 37.8 1.0 176.3
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	11 118 29 54 3 215	13 99 19 36 1 168	11.8 126.5 31.1 57.9 3.2 230.4 190.9	93.1 13.6 103.9 19.9 37.8 1.0 176.3 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses	11 118 29 54 3 215	13 99 19 36 1 168	101.1 11.8 126.5 31.1 57.9 3.2 230.4 190.9	93.1 13.6 103.9 19.9 37.8 1.0 176.3 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	11 118 29 54 3 215	13 99 19 36 1 168	101.1 11.8 126.5 31.1 57.9 3.2 230.4 190.9	93.1 13.6 103.9 19.9 37.8 1.0 176.3 189.2 1992-93 3.1
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	11 118 29 54 3 215	13 99 19 36 1 168	101.1 11.8 126.5 31.1 57.9 3.2 230.4 190.9 1991-92 3.2 39.7	13.6 103.9 19.9 37.8 1.0 176.3 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	11 118 29 54 3 215	13 99 19 36 1 168	101.1 11.8 126.5 31.1 57.9 3.2 230.4 190.9	93.1 13.6 103.9 19.9 37.8 1.0 176.3 189.2

# **LEEDS and GRENVILLE**

# **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe		Rates per 1	00,000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	-
Alcohol Dependence Syndrome	6	2	6.4	2.1
Chronic Liver Disease and Cirrhosis	9	13	9.6	13.6
Total	15	15	16.1	15.7
Provincial Rate			10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	178	125	190.7	131.2
Heroin	1		1.5	-
Cocaine	10	6	10.5	6.4
Other Drugs	3	6	3.2	6.7
Controlled Drugs	1	8	1.1	8.7
Restricted Drugs	1	4	1.3	4.3
Total	194	150	208.3	157.2
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	3	4	3.2	4.2
Drug Dependence	3	7	3.2	7.3
Nondependent Abuse of Drugs	-	3	-	3.1
Poisoning by Analgesics, Antipyretics	25	23	26.8	24.1
Poisoning by Sedatives and Hypnotics	6	5	6.4	5.2
Poisoning by Psychotropic Agents	37	32	39.7	33.6
Total	74	74	79.3	77.6
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	6	3	6.4	3.1
Drug Dependence	10	17	10.7	17.8
Nondependent Abuse of Drugs	11	7	11.8	7.3
Poisoning by Analgesics, Antipyretics	9	10	9.6	10.5
Poisoning by Sedatives and Hypnotics	1	-	1.1	-
Poisoning by Psychotropic Agents	-	3	-	3.1
Total	37	40	39.7	42.0
Provincial Rate		L	75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	1	-	1.0
Drug Dependence	4	5	4.3	5.2
Nondependent Abuse of Drugs	-	5		5.2
Total	4	11	4.3	11.5
Provincial Rate			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
	2		2.1	

3.4

2.1

1.1

3.2

3.1

Suicide Undetermined

Accidental Poisoning

Total

**Provincial Rate** 

1

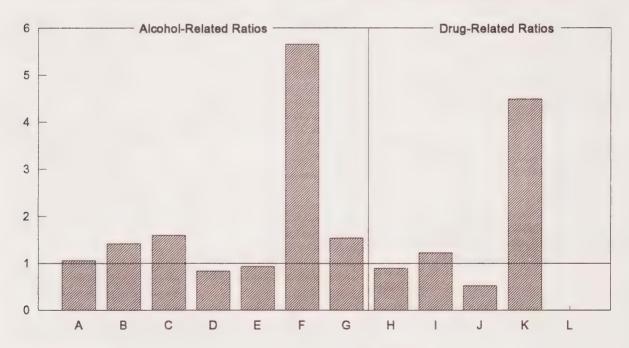
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#### **LEEDS and GRENVILLE**

# **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
-			(in t	housands)			
0- 9	11.2	11.5	11.5	11.6	12.0	12.4	12.8
10-14	6.0	5.9	5.9	5.9	5.9	6.0	6.0
15-19	6.8	6.4	6.3	6.2	6.0	6.1	6.2
20-29	13.7	13.7	13.4	13.3	13.1	12.9	12.6
30-39	13.3	13.5	13.7	13.9	14.3	15.0	15.5
40-49	10.2	10.9	11.3	11.7	12.3	12.7	13.3
50-59	8.9	8.8	8.9	9.2	9.3	9.4	9.7
60-64	4.5	4.5	4.5	4.5	4.6	4.7	4.8
65-74	7.5	7.6	7.7	7.9	8.2	8.4	8.6
75+	5.0	5.1	5.3	5.5	5.6	5.8	5.9
Total population	87.0	87.9	88.6	89.6	91.2	93.3	95.3
Aged 15 and over	69.9	70.5	71.1	72.2	73.4	75.0	76.6
Aged 20 and over	63.1	64.1	64.8	66.0	67.4	68.9	70.4

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

## **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# **LENNOX and ADDINGTON**

# ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

Consumption of Absolute Alcohol			1990-91		1990-91
	_	Numbe		Litres per per	
Litres			244,826		8.2
Estimated Law Riels Communication			10.000	Rates per 100	
Estimated Low Risk Consumers Estimated Moderate Risk Consumers	-		18,800		62,876.3
	-		3,700		12,374.6
Estimated High Risk Consumers			1,600		5,351.2
Legal Offences		1990	1993	1990	1993
Liquor Act		716	391	1,889.2	992.4
Impaired Operation Causing Death		- 10		1,000.2	302.4
Impaired Operation Causing Bodily Harm		-	-	_	
Impaired Operation Over 80 mg%		131	100	345.6	253.8
Fail/Refuse to Provide Breath/Blood Sam	ple	4	6	10.6	15.2
	Total	851	497	2,245	1,261.4
	Total _	0011		1,383.1	919.1
				1,00011	0 10.1
Drivers in Alcohol-Related Traffic Crashes		1991	1992	1991	1992
Resulting in Property Damage		47	36	121.8	91.4
Resulting in Personal Injury	-	51	34	132.1	86.3
Resulting in Fatalities		6	5	15.5	12.7
Transfer of the second of the	Total	104	75	269.4	190.4
Provinc				134.0	137.0
			-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	107.0
General Hospital Separations	_		1000 00	1007.00	
Primary Diagnoses	-	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses		1	3	2.6	7.6
Alcohol Dependence Syndrome	_	20	10	51.8	25.4
Nondependent Abuse of Alcohol	-	4	4	10.4	10.2
Chronic Liver Disease and Cirrhosis		12	7	31.1	17.8
Toxic Effects of Alcohol		1		2.6	- 00.0
	Total	38	24	98.4	60.9
Provinc	ial Rate		L	101.1	93.1
Secondary Diagnoses					
Alcoholic Psychoses		2	3	5.2	7.6
Alcohol Dependence Syndrome	_	50	54	129.5	137.1
Nondependent Abuse of Alcohol	<u> </u>	13	19	33.7	48.2
Chronic Liver Disease and Cirrhosis	_	27	28	69.9	71.1
Toxic Effects of Alcohol		1	- 101	2.6	-
	Total	93	104	240.9	264.0
Provinc	ial Rate		L	190.9	189.2
Mental Hospital Separations					1000.00
Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses		-	1	- 10.4	2.5
AL LID days - Conductor		4	1	10.4	2.5
Alcohol Dependence Syndrome	-				
Nondependent Abuse of Alcohol	Total	- 4	2	10.4	5.1

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Provincial Rate

# **LENNOX and ADDINGTON**

## ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

	Numbe		Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	
Alcohol Dependence Syndrome	4	-	10.4	-
Chronic Liver Disease and Cirrhosis	4	4	10.4	10.2
Total	8	4	20.7	10.2
Provincial Rate			10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	81	47	209.3	119.4
Heroin	1	13	3.7	33.9
Cocaine	2	2	5.6	6.2
Other Drugs	3	1	7.8	3.2
Controlled Drugs	1	8	2.6	20.9
Restricted Drugs	7	5	18.6	13.9
Total	96	78	247.6	197.5
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1	2	2.6	5.1
Drug Dependence	3	2	7.8	5.1
Nondependent Abuse of Drugs	1		2.6	-
Poisoning by Analgesics, Antipyretics	13	5	33.7	12.7
Poisoning by Sedatives and Hypnotics	-	3	-	7.6
Poisoning by Psychotropic Agents	5	14	13.0	35.5
Total Provincial Rate	23	26	59.6	66.0 63.6
Provincial Rate			67.0	03.0
Secondary Diagnoses				
Drug Psychoses	3	2	7.8	5.1
Drug Dependence	13	11	33.7	27.9
Nondependent Abuse of Drugs	8	14	20.7	35.5
Poisoning by Analgesics, Antipyretics	3	10	7.8	25.4
Poisoning by Sedatives and Hypnotics	1	-	2.6	-
Poisoning by Psychotropic Agents	5	12	13.0	30.5
Total	33	49	85.5	124.4
Provincial Rate		L	75.2	81.0
Mental Hospital Separations	4004.00	4000.00	4004.00	4000.00
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-		-	-
Drug Dependence	-		•	-
Nondependent Abuse of Drugs	-		-	2.5
Total Provincial Rate	-		2.1	2.5 2.6
Mortality				
Mortality: From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	-	1	-	2.5
Suicide	-	-	-	-
Undetermined	-	-	-	-
Total	-	1		2.5
Dunning of Date			2.4	2.4

**Provincial Rate** 

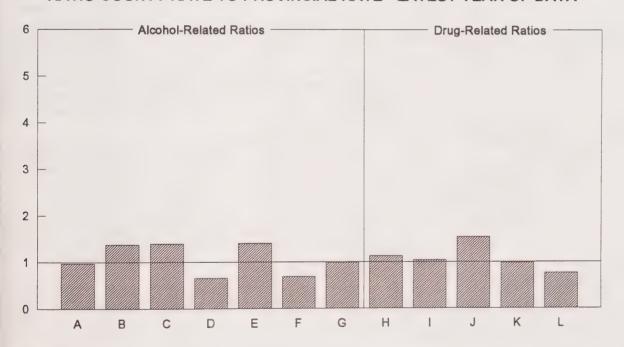
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## **LENNOX and ADDINGTON**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	nousands)			
0- 9	5.0	5.0	5.1	5.2	7.7	5.4	5.5
10-14	2.8	2.7	2.8	2.8	2.8	2.8	2.7
15-19	2.8	2.8	2.8	2.7	2.8	2.8	2.9
20-29	5.6	5.6	5.6	5.6	5.6	5.5	5.5
30-39	6.0	6.0	6.1	6.2	6.4	6.5	6.8
40-49	4.1	4.3	4.6	4.9	5.1	5.4	5.6
50-59	3.3	3.3	3.3	3.4	3.4	3.5	3.6
60-64	1.6	1.6	1.7	1.7	1.8	1.8	1.8
65-74	2.4	2.6	2.6	2.8	2.8	2.9	3.0
75+	1.8	1.8	1.8	1.9	2.0	2.0	2.1
Total population	35.4	35.7	36.4	37.1	37.9	38.6	39.4
Aged 15 and over	27.6	28.0	28.5	29.2	29.9	30.4	31.3
Aged 20 and over	24.8	25.2	25.7	26.5	27.1	27.6	28.4

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

## **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# MANITOULIN

# **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol			1990-91		1990-91
		Numbe	er	Litres per per	son 15+
Litres			115,337		12.8
				Rates per 100	
Estimated Low Risk Consumers			4,300		47,777.8
Estimated Moderate Risk Consumers			1,900		21,111.1
Estimated High Risk Consumers	L		900		10,000.0
Legal Offences		1990	1993	1990	1993
Liquor Act		597	436	5,236.8	3,603.3
Impaired Operation Causing Death		1	-	8.8	-
Impaired Operation Causing Bodily Har	m	1	1	8.8	8.3
Impaired Operation Over 80 mg%		105	133	921.1	1,099.2
Fail/Refuse to Provide Breath/Blood Sai	mple	3	15	26.3	124.0
	Total	707	585	6,202	4,834.
				1,383.1	919.
<b>Drivers in Alcohol-Related Traffic Crashe</b>	<u> </u>	1991	1992	1991	1992
Resulting in Property Damage		19	25	162.4	206.6
Resulting in Personal Injury		26	25	222.2	206.6
Resulting in Fatalities		-	2	-	16.5
	Total	45	52	384.6	429.8
Provin	icial Rate			134.0	137.0
General Hospital Separations	_				
Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses		8	10	68.4	82.6
Alcohol Dependence Syndrome		14	17	119.7	140.5
Nondependent Abuse of Alcohol		7	7	59.8	57.9
Chronic Liver Disease and Cirrhosis		3	10	25.6	82.6
Toxic Effects of Alcohol		1	1	8.5	8.3
	Total	33	45	282.1	371.9
Provin	cial Rate			101.1	93.1
Secondary Diagnoses					
Alcoholic Psychoses		7	6	59.8	49.6
Alcohol Dependence Syndrome		63	68	538.5	562.0
Nondependent Abuse of Alcohol		23	19	196.6	157.0
Chronic Liver Disease and Cirrhosis		16	11	136.8	90.9
Toxic Effects of Alcohol		1	-	8.5	_
	Total	110	104	940.2	859.5
Provin	cial Rate		L	190.9	189.2
Mental Hospital Separations					
Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses		2	-	17.1	-
Alcohol Dependence Syndrome		2	-	17.1	-
Nondependent Abuse of Alcohol		7	1	59.8	8.3
	Total	11	1	94.0	8.3
Provin	cial Rate			8.5	7.4

## **MANITOULIN**

## **ALCOHOL-RELATED OCCURRENCES**

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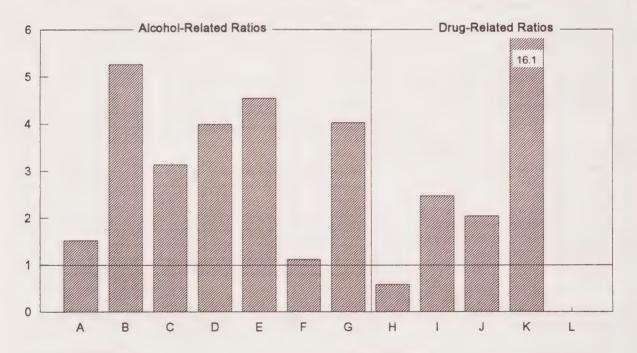
Mortality	Numbe		Rates per 1	
Mortality Name of Providence	1991	1992	1991	1992
Alcohol Psychoses	-		-	-
Alcohol Dependence Syndrome	1		8.5	-
Chronic Liver Disease and Cirrhosis	2	5	17.1	41.3
Total		5	25.6	41.3
Provincial Rat	te	L	10.7	10.3
RUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	7	12	60.0	102.3
Heroin	-			-
Cocaine	-	-	-	-
Other Drugs	-	-	-	-
Controlled Drugs	-	-		-
Restricted Drugs	-	-	-	-
Total	7	12	60.0	102.3
Provincial Rat	e		200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	-	-	-
Drug Dependence	6	1	51.3	8.3
Nondependent Abuse of Drugs	-	-	-	-
Poisoning by Analgesics, Antipyretics	14	11	119.7	90.9
Poisoning by Sedatives and Hypnotics	2	1	17.1	8.3
Poisoning by Psychotropic Agents	8	6	68.4	49.6
Total		19	256.4	157.0
Provincial Rat			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	2	1	17.1	8.3
Drug Dependence	5	8	42.7	66.1
Nondependent Abuse of Drugs	2	6	17.1	49.6
Poisoning by Analgesics, Antipyretics	2	3	17.1	24.8
Poisoning by Sedatives and Hypnotics	-	2	-	16.5
Poisoning by Sedatives and Hyphotics  Poisoning by Psychotropic Agents				10.5
Total	11	20	94.0	165.3
		20	75.2	81.0
Provincial Rat	e	_	13.2}	01.0
Mental Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1991-92	1992-33	1001-02	8.3
Drug Dependence	4	2	34.2	16.5
Nondependent Abuse of Drugs	-	2		16.5
Total		5	34.2	41.3
Provincial Rat			2.1	2.6
Mortality				
Mortality:	1991	1992	1991	1992
From Drugs, Medicaments & Biologicals	1331	1332	-	
Accidental Poisoning			-	_
Suicide			**	
Undetermined Total	-		-	
Lotal				-
Provincial Rat	THE RESERVE OF THE PARTY OF THE		3.1	3.4

#### **MANITOULIN**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(i	in thousands			
0- 9	1.7	1.7	1.7	1.7	1.7	1.7	1.8
10-14	0.8	0.8	0.8	0.8	0.8	0.9	0.9
15-19	0.9	0.9	0.9	0.9	0.8	0.8	0.9
20-29	1.5	1.6	1.5	1.5	1.6	1.5	1.5
30-39	1.4	1.3	1.4	1.5	1.5	1.5	1.7
40-49	1.0	1.1	1.2	1.2	1.3	1.3	1.4
50-59	1.1	1.1	1.1	1.2	1.2	1.2	1.2
60-64	0.5	0.5	0.6	0.6	0.7	0.7	0.7
65-74	0.9	1.0	1.0	1.0	1.1	1.1	1.1
75+	0.7	0.7	0.7	0.8	0.8	0.8	0.8
Total population	10.6	10.7	10.9	11.2	11.4	11.7	12.1
Aged 15 and over	8.0	8.2	8.4	8.7	9.0	8.9	9.3
Aged 20 and over	7.1	7.3	7.5	7.8	8.2	8.1	8.4

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



## **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

# **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# MIDDLESEX

# **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol		1990-91		1990-91
	Numbe		Litres per per	
Litres		2,523,890	Entres per per	8.3
_			Rates per 100	
Estimated Low Risk Consumers		180,900	rates per 100	59,506.6
Estimated Moderate Risk Consumers		37,800		12,434.2
Estimated High Risk Consumers		16,600		5,460.5
		10,000		5,460.5
Legal Offences	1990	1993	1990	1993
Liquor Act	4,930	3,112	1,292.3	792.3
Impaired Operation Causing Death	1	3	0.3	0.8
Impaired Operation Causing Bodily Harm	7	9	1.8	2.3
Impaired Operation Over 80 mg%	1,675	1,205	439.1	306.8
Fail/Refuse to Provide Breath/Blood Sample	157	95	41.2	24.2
Total	6,770	4,424	1,775	1,126.3
			1,383.1	919.1
			1,000.1	0.0.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	263	290	67.7	73.8
Resulting in Personal Injury	218	234	56.2	59.6
Resulting in Fatalities	14	11	3.6	2.8
Total	495	535	127.5	136.2
Provincial Rate	4001		134.0	137.0
General Hospital Separations		_	104.0	107.0
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	48	38	12.4	9.7
Alcohol Dependence Syndrome	88	74	22.7	18.8
Nondependent Abuse of Alcohol	29	19	7.5	4.8
Chronic Liver Disease and Cirrhosis	118	109	30.4	
<u>-</u>				
Toxic Effects of Alcohol				27.7
Toxic Effects of Alcohol	5	7	1.3	1.8
Total			1.3 <b>74.2</b>	1.8 <b>62.9</b>
Total Provincial Rate	5	7	1.3	1.8
Total Provincial Rate  Secondary Diagnoses	5 <b>288</b>	7 247	1.3 74.2 101.1	1.8 62.9 93.1
Total Provincial Rate  Secondary Diagnoses  Alcoholic Psychoses	5 <b>288</b>	7 <b>247</b> 51	1.3 74.2 101.1	1.8 62.9 93.1
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	5 <b>288</b> 41 352	7 <b>247</b> 51 329	1.3 74.2 101.1	1.8 62.9 93.1 13.0 83.8
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	5 288 41 352 124	7 <b>247</b> 51 329 144	1.3 74.2 101.1 10.6 90.7 31.9	1.8 62.9 93.1 13.0 83.8 36.7
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	5 288 41 352 124 156	7 <b>247</b> 51 329 144 134	1.3 74.2 101.1 10.6 90.7 31.9 40.2	1.8 62.9 93.1 13.0 83.8 36.7 34.1
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	5 288 41 352 124 156 3	7 247 51 329 144 134 4	1.3 74.2 101.1 10.6 90.7 31.9 40.2 0.8	1.8 62.9 93.1 13.0 83.8 36.7 34.1 1.0
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total	5 288 41 352 124 156	7 <b>247</b> 51 329 144 134	1.3 74.2 101.1 10.6 90.7 31.9 40.2 0.8 174.1	1.8 62.9 93.1 13.0 83.8 36.7 34.1 1.0 168.5
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	5 288 41 352 124 156 3	7 247 51 329 144 134 4	1.3 74.2 101.1 10.6 90.7 31.9 40.2 0.8	1.8 62.9 93.1 13.0 83.8 36.7 34.1 1.0
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations	5 288 41 352 124 156 3 676	7 247 51 329 144 134 4 662	1.3 74.2 101.1 10.6 90.7 31.9 40.2 0.8 174.1 190.9	1.8 62.9 93.1 13.0 83.8 36.7 34.1 1.0 168.5 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses	5 288 41 352 124 156 3 676	7 247 51 329 144 134 4 662	1.3 74.2 101.1 10.6 90.7 31.9 40.2 0.8 174.1 190.9	1.8 62.9 93.1 13.0 83.8 36.7 34.1 1.0 168.5 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	5 288 41 352 124 156 3 676	7 247 51 329 144 134 4 662	1.3 74.2 101.1 10.6 90.7 31.9 40.2 0.8 174.1 190.9	1.8 62.9 93.1 13.0 83.8 36.7 34.1 1.0 168.5 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses	5 288 41 352 124 156 3 676	7 247 51 329 144 134 4 662 1992-93 7	1.3 74.2 101.1 10.6 90.7 31.9 40.2 0.8 174.1 190.9	1.8 62.9 93.1 13.0 83.8 36.7 34.1 1.0 168.5 189.2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	5 288 41 352 124 156 3 676	7 247 51 329 144 134 4 662 1992-93 7 116	1.3 74.2 101.1 10.6 90.7 31.9 40.2 0.8 174.1 190.9 1991-92 0.5 28.6 5.4	1.8 62.9 93.1 13.0 83.8 36.7 34.1 1.0 168.5 189.2 1992-93 1.8 29.5 2.8
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcohol Dependence Syndrome	5 288 41 352 124 156 3 676	7 247 51 329 144 134 4 662 1992-93 7	1.3 74.2 101.1 10.6 90.7 31.9 40.2 0.8 174.1 190.9 1991-92 0.5 28.6 5.4 34.5	1.8 62.9 93.1 13.0 83.8 36.7 34.1 1.0 168.5 189.2 1992-93 1.8 29.5 2.8 34.1
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	5 288 41 352 124 156 3 676	7 247 51 329 144 134 4 662 1992-93 7 116	1.3 74.2 101.1 10.6 90.7 31.9 40.2 0.8 174.1 190.9 1991-92 0.5 28.6 5.4	1.8 62.9 93.1 13.0 83.8 36.7 34.1 1.0 168.5 189.2 1992-93 1.8 29.5 2.8

# **MIDDLESEX**

#### ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

	Altembre	72	Rates per 1	00.000
Martality	Number 1991	1992	1991	1992
Mortality Alcohol Psychoses	1991	1992	0.3	1932
Alcohol Dependence Syndrome	14	7	3.6	1.8
Chronic Liver Disease and Cirrhosis	27	25	7.0	6.4
Total		32	10.8	8.1
Provincial Rat		<u> </u>	10.7	10.3
DRUG-RELATED OCCURRENCES		_		
		1000	4004	1000
Legal Offences	1991	1992	1991	1992
Marijuana	318	396	82.0	100.8
Heroin	-		-	-
Cocaine	8	18	2.0	4.7
Other Drugs	3	8	0.8	1.9
Controlled Drugs	-	-	-	
Restricted Drugs	6	5	1.5	1.4
Total		427	86.3	108.8
Provincial Rat	e	_	200.9	175.3
General Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	10	16	2.6	4.1
Drug Dependence	12	20	3.1	5.1
Nondependent Abuse of Drugs	13	15	3.3	3.8
Poisoning by Analgesics, Antipyretics	63	72	16.2	18.3
Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics	7	7	1.8	1.8
Poisoning by Sedauves and Hyphotics Poisoning by Psychotropic Agents	69	74	17.8	18.8
Total		204	44.8	51.9
Provincial Rat		204	67.0	63.6
		_	3000	
Secondary Diagnoses	40	20	2.2	5.4
Drug Psychoses	13	20	3.3	5.1
Drug Dependence	66	59	17.0	15.0
Nondependent Abuse of Drugs	108	144 53	27.8 15.2	36.7 13.5
Poisoning by Analgesics, Antipyretics Poisoning by Sedatives and Hypnotics	12	11	3.1	2.8
Poisoning by Sedatives and Hyphotics Poisoning by Psychotropic Agents	72	73	18.5	18.6
Total		360	85.0	91.6
Provincial Rat		300	75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	4	-	1.0
Drug Dependence	14	17	3.6	4.3
Nondependent Abuse of Drugs	21	18	5.4	4.6
Total	35	39	9.0	9.9
Provincial Rat	е		2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	8	2	2.1	0.5
Sujoido	5	9	13	23

Undetermined

Suicide

Total

**Provincial Rate** 

5

13

11

2.3

2.8

3.4

1.3

3.3

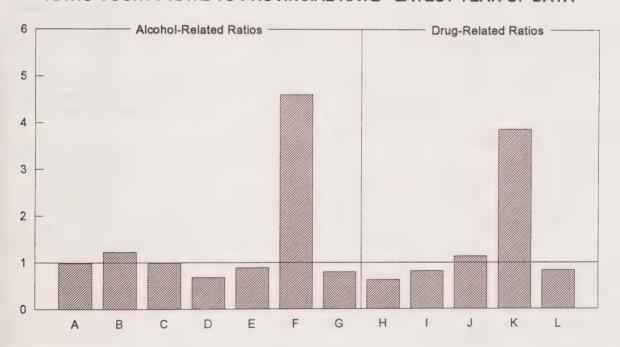
3.1

#### **MIDDLESEX**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992			
	(in thousands)									
0- 9	46.4	47.7	49.1	51.0	53.3	55.0	56.1			
10-14	22.8	22.9	23.1	23.8	24.2	24.6	25.2			
15-19	25.7	26.0	26.6	26.7	26.5	25.7	25.2			
20-29	68.8	69.0	69.1	70.4	71.5	71.1	69.3			
30-39	56.1	57.5	59.4	62.1	65.0	67.0	68.9			
40-49	38.9	41.2	43.6	45.9	48.3	50.4	52.3			
50-59	32.6	32.4	32.7	33.0	33.2	33.6	34.1			
60-64	15.7	15.7	15.7	15.5	15.6	15.6	15.6			
65-74	22.8	23.6	24.4	25.4	26.0	26.8	27.3			
75+	15.3	16.0	16.7	17.2	17.9	18.3	18.7			
Total population	345.1	352.2	360.2	371.0	381.5	388.2	392.8			
Aged 15 and over	275.9	281.4	288.2	296.2	304.0	308.5	311.4			
Aged 20 and over	250.2	255.4	261.6	269.5	277.5	282.8	286.2			

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

## **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# MUSKOKA

# **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol		1990-91		1990-91
	Numbe		Litres per per	
Litres		615,468		15.9
			Rates per 100	
Estimated Low Risk Consumers		15,300		39,433.0
Estimated Moderate Risk Consumers		10,000		25,773.2
Estimated High Risk Consumers		5,400		13,917.5
Legal Offences	1990	1993	1990	1993
Liquor Act	1,160	716	2,396.7	1,420.6
Impaired Operation Causing Death	-		-	
Impaired Operation Causing Bodily Harm	1	1	2.1	2.0
Impaired Operation Over 80 mg%	220	198	454.5	392.9
Fail/Refuse to Provide Breath/Blood Sample	7	23	14.5	45.6
Total	1,388	938	2,868	1,861.1
			1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	65	77	131.0	152.8
Resulting in Personal Injury	55	59	110.9	117.1
Resulting in Fatalities	4	4	8.1	7.9
Total	124	140	250.0	277.8
Provincial Rate			134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	14	11	28.2	21.8
Alcohol Dependence Syndrome	18	22	36.3	43.7
	10			
Nondependent Abuse of Alcohol	14	11	28.2	21.8
		11 18		
Nondependent Abuse of Alcohol	14		28.2	35.7
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	14 15	18	28.2 30.2	35.7 19.8
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	14 15 7	18 10	28.2 30.2 14.1	21.8 35.7 19.8 142.9 93.1
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate Secondary Diagnoses	14 15 7 68	18 10 <b>72</b>	28.2 30.2 14.1 137.1 101.1	35.7 19.8 <b>142.9</b> <b>93.1</b>
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses	14 15 7 68	18 10 72	28.2 30.2 14.1 137.1 101.1	35.7 19.8 <b>142.</b> 9 <b>93.</b> 1
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	14 15 7 68	18 10 72	28.2 30.2 14.1 137.1 101.1	35.7 19.8 <b>142.9</b> <b>93.</b> 1 27.8
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	14 15 7 68	18 10 72 14 98 33	28.2 30.2 14.1 137.1 101.1 30.2 143.1 90.7	35.7 19.8 <b>142.9</b> <b>93.</b> 2 27.8 194.4 65.5
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	14 15 7 68	18 10 72	28.2 30.2 14.1 137.1 101.1 30.2 143.1 90.7 64.5	35.7 19.8 142.9 93.1 27.8 194.4 65.5
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	14 15 7 68 15 71 45 32	18 10 72 14 98 33 52	28.2 30.2 14.1 137.1 101.1 30.2 143.1 90.7 64.5 2.0	35.7 19.8 142.9 93.1 27.8 194.4 65.5 103.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total	14 15 7 68 15 71 45 32	18 10 72 14 98 33 52	28.2 30.2 14.1 137.1 101.1 30.2 143.1 90.7 64.5 2.0 330.6	35.7 19.8 142.9 93.1 27.8 194.4 65.5 103.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	14 15 7 68 15 71 45 32	18 10 72 14 98 33 52	28.2 30.2 14.1 137.1 101.1 30.2 143.1 90.7 64.5 2.0	35.7 19.8 142.9 93.1 27.8 194.4 65.5 103.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total	14 15 7 68 15 71 45 32	18 10 72 14 98 33 52 -	28.2 30.2 14.1 137.1 101.1 30.2 143.1 90.7 64.5 2.0 330.6 190.9	35.7 19.8 142.9 93.1 27.8 194.4 65.8 103.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses	14 15 7 68 15 71 45 32 1	18 10 72 14 98 33 52	28.2 30.2 14.1 137.1 101.1 30.2 143.1 90.7 64.5 2.0 330.6	35.7 19.8 142.9 93.1 27.8 194.4 65.8 103.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	14 15 7 68 15 71 45 32 1 164	18 10 72 14 98 33 52 - 197	28.2 30.2 14.1 137.1 101.1 30.2 143.1 90.7 64.5 2.0 330.6 190.9	35.7 19.8 142.9 93.1 27.8 194.4 65.8 103.2 390.9 189.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	14 15 7 68 15 71 45 32 1	18 10 72 14 98 33 52 - 197	28.2 30.2 14.1 137.1 101.1 30.2 143.1 90.7 64.5 2.0 330.6 190.9	35.7 19.8 142.9 93.1 27.8 194.4 65.5 103.2 390.9 189.2
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	14 15 7 68 15 71 45 32 1 164	18 10 72 14 98 33 52 - 197	28.2 30.2 14.1 137.1 101.1 30.2 143.1 90.7 64.5 2.0 330.6 190.9	35.7 19.8 142.9 93.1 27.8 194.4 65.5 103.2

# **MUSKOKA**

# ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	
Alcohol Dependence Syndrome	2	1	4.0	2.0
Chronic Liver Disease and Cirrhosis	4	4	8.1	7.9
Total	6	5	12.1	9.9
Provincial Rate			10.7	10.3
RUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	41	105	82.6	208.7
Heroin	-	-	-	
Cocaine	3	5	6.6	9.7
Other Drugs	10	5	20.2	10.1
Controlled Drugs	1	17	2.0	32.7
Restricted Drugs	13	11	26.5	21.7
Total	68	143	137.9	283.0
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1	3	2.0	6.0
Drug Dependence	2	2	4.0	4.0
	1	1	2.0	2.0
Poisoning by Analgesics, Antipyretics	25	17	50.4	33.7
Poisoning by Sedatives and Hypnotics	9	3	18.1	6.0
Poisoning by Psychotropic Agents	16	19	32.3	37.7
Total	54	45	108.9	89.3
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	6	3	12.1	6.0
Drug Dependence	8	8	16.1	15.9
Nondependent Abuse of Drugs	6	16	12.1	31.7
Poisoning by Analgesics, Antipyretics	4	5	8.1	9.9
Poisoning by Sedatives and Hypnotics	3	2	6.0	4.0
Poisoning by Psychotropic Agents	2	6	4.0	11.9
Total	29	40	58.5	79.4
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	-	-	-
Drug Dependence	-	-	-	-
Nondependent Abuse of Drugs	-	-	-	_
Total	-		-	-
Provincial Rate			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	-	-	-	-
Suicide	1		2.0	-
I be determined			-	

3.4

2.0

3.1

Undetermined

Total

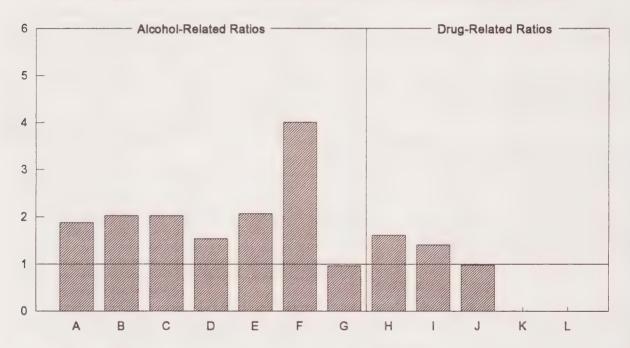
**Provincial Rate** 

#### **MUSKOKA**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992		
	(in thousands)								
0- 9	5.4	5.6	5.9	6.1	6.5	6.7	6.8		
10-14	2.7	2.7	2.8	2.9	3.1	3.2	3.2		
15-19	2.8	2.8	2.9	3.0	3.0	3.1	3.1		
20-29	6.2	6.3	6.4	6.5	6.6	6.5	6.4		
30-39	6.2	6.5	6.8	7.2	7.7	8.0	8.1		
40-49	4.5	4.8	5.1	5.6	6.1	6.3	6.6		
50-59	4.6	4.7	4.8	4.9	5.0	5.0	5.2		
60-64	2.6	2.6	2.6	2.8	2.8	2.9	3.0		
65-74	4.2	4.2	4.4	4.6	4.7	4.9	5.1		
75+	2.5	2.6	2.7	2.8	2.9	3.1	3.1		
Total population	41.5	42.9	44.6	46.3	48.4	49.6	50.4		
Aged 15 and over	33.6	34.5	35.7	37.4	38.8	39.8	40.6		
Aged 20 and over	30.8	31.7	32.8	34.4	35.8	36.7	37.5		

### RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



## **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

## **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# NIAGARA (R.M.)

## ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol			1990-91		1990-91
1.9	_	Numbe		Litres per per	
Litres	L		2,638,906		8.1
Estimated Low Risk Consumers			200 400	Rates per 100	
Estimated Low Risk Consumers  Estimated Moderate Risk Consumers	-		200,400		61,661.5
Estimated High Risk Consumers			39,400		12,123.1
Estimated Flight Not Consumers	_		17,200		5,292.3
Legal Offences		1990	1993	1990	1993
Liquor Act		3,496	1,526	866.2	370.6
Impaired Operation Causing Death		1	8	0.2	1.9
Impaired Operation Causing Bodily Har	m	21	16	5.2	3.9
Impaired Operation Over 80 mg%		1,261	859	312.4	208.6
Fail/Refuse to Provide Breath/Blood Sa	mple	37	15	9.2	3.6
	Total	4,816	2,424	1,193	588.6
			L	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashe	s $\Box$	1991	1992	1991	1992
Resulting in Property Damage		413	421	101.3	102.2
Resulting in Personal Injury		315	287	77.3	69.7
Resulting in Fatalities		16	12	3.9	2.9
	Total	744	720	182.5	174.8
Provin	icial Rate			134.0	137.0
1101			_		
			_		
General Hospital Separations Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
General Hospital Separations		<b>1991-92</b> 36	<b>1992-93</b> 54		
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome		36 180		1991-92 8.8 44.2	1992-93 13.1 46.1
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		36 180 56	54 190 46	1991-92 8.8 44.2 13.7	1992-93 13.1 46.1 11.2
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis		36 180 56 178	54 190 46 154	1991-92 8.8 44.2 13.7 43.7	1992-93 13.1 46.1 11.2 37.4
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		36 180 56 178	54 190 46 154 19	1991-92 8.8 44.2 13.7 43.7 3.7	1992-93 13.1 46.1 11.2 37.4 4.6
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	Total	36 180 56 178	54 190 46 154	1991-92 8.8 44.2 13.7 43.7 3.7	1992-93 13.1 46.1 11.2 37.4 4.6 112.4
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol		36 180 56 178	54 190 46 154 19	1991-92 8.8 44.2 13.7 43.7 3.7	1992-93 13.1 46.1 11.2 37.4 4.6
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir	Total	36 180 56 178 15 465	54 190 46 154 19 463	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir Secondary Diagnoses Alcoholic Psychoses	Total	36 180 56 178 15 465	54 190 46 154 19 463	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	Total	36 180 56 178 15 465	54 190 46 154 19 463	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	Total	36 180 56 178 15 465	54 190 46 154 19 463	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	Total	36 180 56 178 15 465	54 190 46 154 19 463	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	Total	36 180 56 178 15 465 30 411 71 186 6	54 190 46 154 19 463 34 378 66 190	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1 7.4 100.8 17.4 45.6	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1 8.3 91.8 16.0 46.1
General Hospital Separations  Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provir  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol	Total	36 180 56 178 15 465 30 411 71 186	34 378 66 190 10	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1 7.4 100.8 17.4 45.6 1.5	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1 8.3 91.8 16.0 46.1 2.4
General Hospital Separations  Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol  Provir  Secondary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol	Total	36 180 56 178 15 465 30 411 71 186 6	34 378 66 190 10 678	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1 7.4 100.8 17.4 45.6 1.5 172.7 190.9	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1  8.3 91.8 16.0 46.1 2.4 164.6 189.2
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir  Mental Hospital Separations Primary Diagnoses	Total	36 180 56 178 15 465 30 411 71 186 6 704	34 378 66 190 10 678	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1 7.4 100.8 17.4 45.6 1.5 172.7 190.9	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1  8.3 91.8 16.0 46.1 2.4 164.6
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	Total	36 180 56 178 15 465 30 411 71 186 6 704	34 378 66 190 10 678	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1 7.4 100.8 17.4 45.6 1.5 172.7 190.9	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1 8.3 91.8 16.0 46.1 2.4 164.6 189.2
General Hospital Separations  Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	Total	36 180 56 178 15 465 30 411 71 186 6 704	34 378 66 190 10 678	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1 7.4 100.8 17.4 45.6 1.5 172.7 190.9	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1  8.3 91.8 16.0 46.1 2.4 164.6 189.2
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provir  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	Total	36 180 56 178 15 465 30 411 71 186 6 704	34 378 66 190 10 678	1991-92 8.8 44.2 13.7 43.7 3.7 114.1 101.1 7.4 100.8 17.4 45.6 1.5 172.7 190.9	1992-93 13.1 46.1 11.2 37.4 4.6 112.4 93.1 8.3 91.8 16.0 46.1 2.4 164.6 189.2

# NIAGARA (R.M.)

Number

## **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe		Rates per 1	
Mortality	1991	1992	1991	1992
Alcohol Psychoses	1	-	0.2	
Alcohol Dependence Syndrome	3	9	0.7	2.2
Chronic Liver Disease and Cirrhosis	53	29	13.0	7.0
Total	57	38	14.0	9.2
Provincial Rate	0.1		10.7	10.3
DRUG-RELATED OCCURRENCES		_	10.1	10.0
_				
Legal Offences	1991	1992	1991	1992
Marijuana	97	151	23.8	36.7
Heroin	-	3	-	0.7
Cocaine	14	16	3.5	3.9
Other Drugs	15	18	3.7	4.3
Controlled Drugs	-	-	-	-
Restricted Drugs	1	3	0.3	0.7
Total	128	190	31.3	46.2
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	21	13	5.2	3.2
Drug Dependence	64	64	15.7	15.5
Nondependent Abuse of Drugs	28	17	6.9	4.1
Poisoning by Analgesics, Antipyretics	91	74	22.3	18.0
Poisoning by Sedatives and Hypnotics	32	31	7.8	7.5
Poisoning by Psychotropic Agents	110	128	27.0	31.1
Total	346	327	84.9	79.4
Provincial Rate	0.70		67.0	63.6
Secondary Diagrams				
Secondary Diagnoses				
Drug Psychoses	9	8	2.2	1.9
Drug Dependence	83	68	20.4	16.5
Nondependent Abuse of Drugs	55	34	13.5	8.3
Poisoning by Analgesics, Antipyretics	70	38	17.2	9.2
Poisoning by Sedatives and Hypnotics	20	21	4.9	5.1
Poisoning by Psychotropic Agents	80	83	19.6	20.2
Total	317	252	77.8	61.2
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1	1	0.2	0.2
Drug Dependence	1	3	0.2	0.7
Nondependent Abuse of Drugs	-	-	-	-
Total	2	4	0.5	1.0
Provincial Rate			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
	1991	1992	0.5	2.7
Accidental Poisoning Suicide	6	11	1.5	2.7
Lindstorminad	0	9	1.5	2.2

Undetermined

8

Total

**Provincial Rate** 

6.1

3.4

2.0

3.1

25

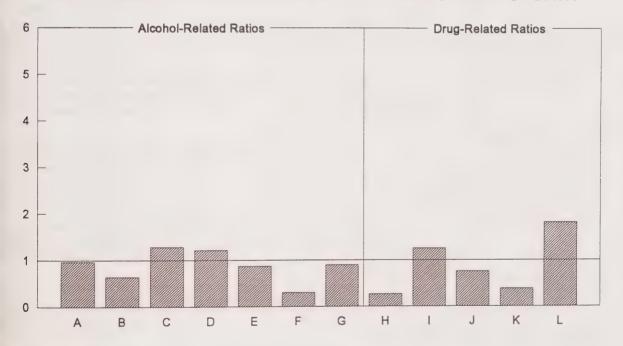
Rates per 100,000

# NIAGARA (R.M.)

#### **ESTIMATED COUNTY POPULATION BY AGE**

per							
AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	housands)			
0- 9	48.4	49.0	49.9	51.2	52.7	53.8	54.4
10-14	26.4	25.9	25.8	25.8	25.9	25.9	26.0
15-19	30.8	30.0	29.4	29.1	28.8	28.2	27.7
20-29	64.2	64.3	64.0	63.9	63.7	62.3	61.1
30-39	57.0	57.6	58.8	60.6	62.8	64.5	65.7
40-49	44.0	46.3	48.2	50.3	52.0	53.5	54.9
50-59	40.9	40.3	39.9	39.9	40.1	40.2	40.6
60-64	21.2	21.2	21.1	21.0	20.8	20.8	20.7
65-74	30.2	31.4	32.3	33.6	34.7	35.8	37.1
75+	19.0	19.8	20.4	21.2	22.1	22.8	23.6
Total population	382.1	385.7	389.9	396.6	403.6	407.7	411.8
Aged 15 and over	307.3	310.9	314.1	319.6	325.0	328.1	331.4
Aged 20 and over	276.5	280.9	284.7	290.5	296.2	299.9	303.7

### RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



## **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# **NIPISSING**

1990-91

1990-91

# **ALCOHOL-RELATED OCCURRENCES**

**Consumption of Absolute Alcohol** 

	Numbe	er	Litres per per	son 15+
Litres		684,239		10.1
Estimated Low Risk Consumers		20 000	Rates per 100	
Estimated Low Risk Consumers  Estimated Moderate Risk Consumers		38,800 10,700		57,311.7 15,805.0
Estimated Moderate Risk Consumers		4,800		7,090.1
egal Offences	1990	1993	1990	1993
Liquor Act	1,055	693	1,225.3	779.5
Impaired Operation Causing Death	-		-	-
Impaired Operation Causing Bodily Harm	1	-	1.2	-
Impaired Operation Over 80 mg%	352	333	408.8	374.6
Fail/Refuse to Provide Breath/Blood Sample	61	31	70.8	34.9
Total	1,469	1,057	1,706 1,383.1	1,189.0 919.1
			1,000.17	313.1
rivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	56	63	63.7	70.9
Resulting in Personal Injury	51	59	58.0	66.4
Resulting in Fatalities	-	2	-	2.2
Total	107	124	121.7	139.5
Provincial Rate		L	134.0	137.0
General Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	22	15	25.0	16.9
Alcohol Dependence Syndrome	42	36	47.8	40.5
Nondependent Abuse of Alcohol	5	5	5.7	5.6
Chronic Liver Disease and Cirrhosis	27	35	30.7	39.4
Toxic Effects of Alcohol	3	1	3.4	1.1
Total	99	92	112.6	103.5
Provincial Rate			101.1	93.1
Secondary Diagnoses		101	5 7	44.0
Alcoholic Psychoses	5 129	10	5.7 146.8	11.2
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	10	107		120.4
Chronic Liver Disease and Cirrhosis	41	45	11.4 46.6	11.2 50.6
Toxic Effects of Alcohol	1	- 45	1.1	50.6.
Total	186	172	211.6	193.5
Provincial Rate			190.9	189.2
Piovilicial Rate				
Mental Hospital Separations				
Mental Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
fental Hospital Separations Primary Diagnoses Alcoholic Psychoses	4	1	4.6	1.1
lental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	4 15	1 13	4.6 17.1	1.1 14.6
Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	4 15 13	1 13 19	4.6 17.1 14.8	1.1 14.6 21.4
Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	4 15	1 13	4.6 17.1	1.1 14.6

# **NIPISSING**

# **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unle	ess otherwise	e specified)			
		Number		Rates per 1	00,000
Mortality		1991	1992	1991	1992
Alcohol Psychoses		-	-	-	-
Alcohol Dependence Syndrome		-	3	-	3.4
Chronic Liver Disease and Cirrhosis		6	7	6.8	7.9
	Total	6	10	6.8	11.2
Province	cial Rate			10.7	10.3
Legal Offences Marijuana		<b>1991</b>	<b>1992</b> 90	<b>1991</b>	<b>1992</b> 101.6
Legal Offences		1001	1002	1001	4002
· · · · · · · · · · · · · · · · · · ·		157	90	178.5	101.6
Heroin		-	-	-	-
Cocaine		17	6	19.8	6.9
Other Drugs		-	-	-	-
Controlled Drugs		2	8	2.3	9.3
Restricted Drugs		12	1	13.6	1.5
	Total	188	106	214.2	119.3
Province	ial Rate			200.9	175.3
General Hospital Separations					
Primary Diagnoses		1991-92	1992-93	1991-92	1992-93

Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1	1	1.1	1.1
Drug Dependence	1	5	1.1	5.6
Nondependent Abuse of Drugs	2	2	2.3	2.2
Poisoning by Analgesics, Antipyretics	26	26	29.6	29.2
Poisoning by Sedatives and Hypnotics	8	8	9.1	9.0
Poisoning by Psychotropic Agents	43	41	48.9	46.1
Total	81	83	92.2	93.4
Provincial Rate	67.0	63.6		

Secondary Diagnoses					
Drug Psychoses		4	3	4.6	3.4
Drug Dependence		5	17	5.7	19.1
Nondependent Abuse of Drugs		11	21	12.5	23.6
Poisoning by Analgesics, Antipyretics		6	7	6.8	7.9
Poisoning by Sedatives and Hypnotics		4	1	4.6	1.1
Poisoning by Psychotropic Agents		9	11	10.2	12.4
	Total	39	60	44.4	67.5
Province	ial Rate			75.2	81.0

Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	4	4	4.6	4.5
Drug Dependence	1	1	1.1	1.1
Nondependent Abuse of Drugs	6	5	6.8	5.6
Total	11	10	12.5	11.2
Provincial Rate			2.1	2.6

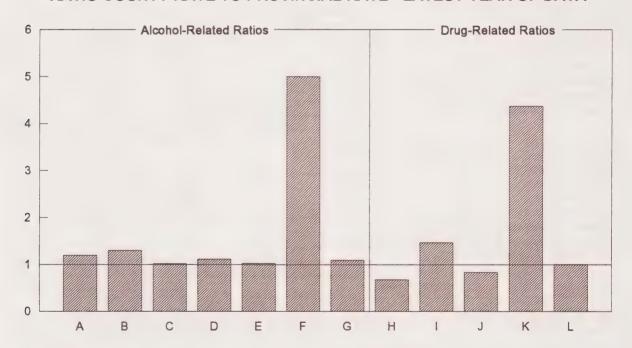
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	1	-	1.1	-
Suicide	1	2	1.1	2.2
Undetermined	-	1	-	1.1
Total	2	3	2.3	3.4
Provincial Rate			3.1	3.4
110411101011110101				

#### **NIPISSING**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992		
	(in thousands)								
0- 9	11.5	11.5	11.7	12.0	12.1	12.5	12.5		
10-14	6.4	6.2	6.1	6.1	6.2	6.2	6.2		
15-19	6.9	6.7	6.7	6.7	6.6	6.7	6.8		
20-29	14.4	14.1	14.0	14.0	13.9	13.7	13.3		
30-39	11.9	11.9	12.3	12.8	13.5	14.1	14.5		
40-49	9.8	10.2	10.4	10.8	11.1	11.5	11.9		
50-59	8.4	8.5	8.6	8.7	8.8	8.9	9.0		
60-64	3.7	3.7	3.8	3.9	3.9	4.0	4.1		
65-74	5.6	5.8	5.8	6.0	6.1	6.3	6.3		
75+	3.2	3.3	3.4	3.6	3.8	4.0	4.2		
Total population	81.5	81.8	82.9	84.6	86.1	87.9	88.9		
Aged 15 and over	63.9	64.2	65.0	66.5	67.7	69.2	70.1		
Aged 20 and over	57.0	57.5	58.3	59.8	61.1	62.5	63.3		

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



## **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

## **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# **NORTHUMBERLAND**

## ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

Consumption of Absolute Alcohol			1990-91		1990-91
	_	Numbe		Litres per per	son 15+
Litres			525,472		8.4
				Rates per 100	
Estimated Low Risk Consumers	_		37,900		60,543.1
Estimated Moderate Risk Consumers			7,900		12,619.8
Estimated High Risk Consumers			3,500		5,591.1
Legal Offences		1990	1993	1990	1993
Liquor Act		1,393	689	1,765.5	839.2
Impaired Operation Causing Death	_	-		-	-
Impaired Operation Causing Bodily Harm		1	-	1.3	~
Impaired Operation Over 80 mg%		329	208	417.0	253.3
Fail/Refuse to Provide Breath/Blood Sam		14	11	17.7	13.4
	Total	1,737	908	2,202	1,106.0
			L	1,383.1	919.1
	-				
<b>Drivers in Alcohol-Related Traffic Crashes</b>		1991	1992	1991	1992
Resulting in Property Damage		67	76	82.8	92.6
Resulting in Personal Injury		76	59	93.9	71.9
Resulting in Fatalities		4	3	4.9	3.7
	Total	147	138	181.7	168.1
Province	iai Rate			134.0	137.0
			_	-	
General Hospital Separations					
Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
	E	<b>1991-92</b>	11	8.7	
Primary Diagnoses	E				1992-93
Primary Diagnoses Alcoholic Psychoses	E	7 50 10	11 37 18	8.7 61.8 12.4	1992-93 13.4 45.1 21.9
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome		7 50	11 37	8.7 61.8 12.4 27.2	1992-93 13.4 45.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol		7 50 10 22 4	11 37 18 25	8.7 61.8 12.4 27.2 4.9	1992-93 13.4 45.1 21.9
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis	Total	7 50 10 22	11 37 18 25	8.7 61.8 12.4 27.2 4.9 115.0	1992-93 13.4 45.1 21.9 30.5 -
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis		7 50 10 22 4	11 37 18 25	8.7 61.8 12.4 27.2 4.9	1992-93 13.4 45.1 21.9 30.5
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol		7 50 10 22 4 93	11 37 18 25 - 91	8.7 61.8 12.4 27.2 4.9 115.0	1992-93 13.4 45.1 21.9 30.5 - 110.8 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci		7 50 10 22 4 93	11 37 18 25 - 91	8.7 61.8 12.4 27.2 4.9 115.0 101.1	1992-93 13.4 45.1 21.9 30.5 - 110.8 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci Secondary Diagnoses		7 50 10 22 4 93	11 37 18 25 - 91	8.7 61.8 12.4 27.2 4.9 115.0 101.1	1992-93 13.4 45.1 21.9 30.5 - 110.8 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Secondary Diagnoses Alcoholic Psychoses		7 50 10 22 4 93	11 37 18 25 - 91 8 119 21	8.7 61.8 12.4 27.2 4.9 115.0 101.1	1992-93 13.4 45.1 21.9 30.5 - 110.8 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome		7 50 10 22 4 93 12 122 30 47	11 37 18 25 - 91	8.7 61.8 12.4 27.2 4.9 115.0 101.1	1992-93 13.4 45.1 21.9 30.5 - 110.8 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	ial Rate	7 50 10 22 4 93 12 122 30 47	11 37 18 25 - 91 8 119 21 40	8.7 61.8 12.4 27.2 4.9 115.0 101.1	1992-93 13.4 45.1 21.9 30.5 - 110.8 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	Total	7 50 10 22 4 93 12 122 30 47	11 37 18 25 - 91 8 119 21 40	8.7 61.8 12.4 27.2 4.9 115.0 101.1	1992-93 13.4 45.1 21.9 30.5 - 110.8 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	Total	7 50 10 22 4 93 12 122 30 47	11 37 18 25 - 91 8 119 21 40	8.7 61.8 12.4 27.2 4.9 115.0 101.1	1992-93 13.4 45.1 21.9 30.5 - 110.8 93.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Mental Hospital Separations	Total	7 50 10 22 4 93 12 122 30 47 1 212	11 37 18 25 - 91 8 119 21 40 - 188	8.7 61.8 12.4 27.2 4.9 115.0 101.1 14.8 150.8 37.1 58.1 1.2 262.1 190.9	1992-93 13.4 45.1 21.9 30.5 - 110.8 93.1 9.7 144.9 25.6 48.7 - 229.0 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Mental Hospital Separations Primary Diagnoses	Total	7 50 10 22 4 93 12 122 30 47 1 212	11 37 18 25 - 91 8 119 21 40 - 188	8.7 61.8 12.4 27.2 4.9 115.0 101.1 14.8 150.8 37.1 58.1 1.2 262.1 190.9	1992-93 13.4 45.1 21.9 30.5 - 110.8 93.1 9.7 144.9 25.6 48.7 - 229.0 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	Total	7 50 10 22 4 93 12 122 30 47 1 212	11 37 18 25 - 91 8 119 21 40 - 188	8.7 61.8 12.4 27.2 4.9 115.0 101.1 14.8 150.8 37.1 58.1 1.2 262.1 190.9	1992-93 13.4 45.1 21.9 30.5 - 110.8 93.1 9.7 144.9 25.6 48.7 - 229.0 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome	Total	7 50 10 22 4 93 12 122 30 47 1 212	11 37 18 25 - 91 8 119 21 40 - 188	8.7 61.8 12.4 27.2 4.9 115.0 101.1 14.8 150.8 37.1 58.1 1.2 262.1 190.9	1992-93 13.4 45.1 21.9 30.5 
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Province  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	Total	7 50 10 22 4 93 12 122 30 47 1 212	11 37 18 25 - 91 8 119 21 40 - 188	8.7 61.8 12.4 27.2 4.9 115.0 101.1 14.8 150.8 37.1 58.1 1.2 262.1 190.9	1992-93 13.4 45.1 21.9 30.5 

7.4

8.5

**Provincial Rate** 

# **NORTHUMBERLAND**

# **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	-
Alcohol Dependence Syndrome	3	2	3.7	2.4
Chronic Liver Disease and Cirrhosis	7	8	8.7	9.7
Total	10	10	12.4	12.2
Provincial Rate		L	10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	77	137	95.5	167.3
Heroin	-	-	-	-
Cocaine	5	1	6.7	1.5
Other Drugs	116	108	143.4	131.8
Controlled Drugs	-	8	-	10.0
Restricted Drugs	5	11	5.9	13.3
Total	203	266	251.5	324.0
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	3	2	3.7	2.4
Drug Dependence	4	5	4.9	6.1
Nondependent Abuse of Drugs	6	4	7.4	4.9
Poisoning by Analgesics, Antipyretics	26	21	32.1	25.6
Poisoning by Sedatives and Hypnotics	8	2	9.9	2.4
Poisoning by Psychotropic Agents	26	29	32.1	35.3
Total	73	63	90.2	76.7
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	2	1	2.5	1.2
Drug Dependence	11	13	13.6	15.8
Nondependent Abuse of Drugs	42	65	51.9	79.2
Poisoning by Analgesics, Antipyretics	11	10	13.6	12.2
Poisoning by Sedatives and Hypnotics	3	-	3.7	-
Poisoning by Psychotropic Agents	6	10	7.4	12.2
Total	75	99	92.7	120.6
Provincial Rate	,,,	30	75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	-	-	-
Drug Dependence	-	-	-	-
Nondependent Abuse of Drugs	-	-	-	-
Total		46	-	
Provincial Rate			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	-	1	-	1.2
Suicide	2	1	2.5	1.2
Undetermined	-	-	-	-
Total	2	2	2.5	2.4
Description of the Control of the Co			0.4	0.4

Provincial Rate

3.4

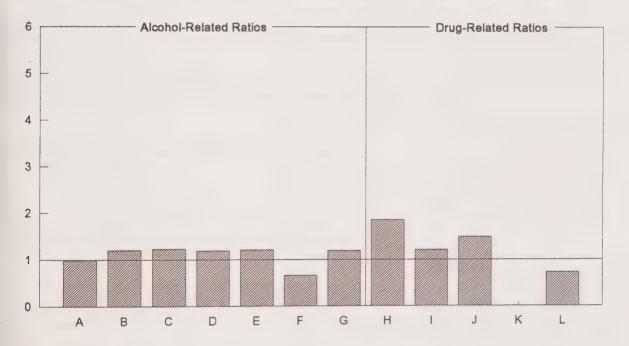
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## **NORTHUMBERLAND**

#### ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	housands)			
0- 9	9.4	9.7	9.9	10.4	11.0	11.5	11.4
0-14	4.9	5.0	5.1	5.2	5.4	5.4	5.4
5-19	5.2	5.1	5.1	5.1	5.3	5.4	5.6
0-29	10.7	10.9	11.1	11.3	11.4	11.0	10.5
0-39	10.4	10.7	11.0	11.6	12.5	13.1	13.6
0-49	7.6	8.1	8.7	9.3	9.9	10.4	10.8
0-59	7.3	7.3	7.5	7.6	7.8	7.9	8.1.
0-64	3.9	3.9	3.9	4.0	4.1	4.1	4.3
5-74	6.3	6.4	6.7	6.9	7.0	7.3	7.5
5+	3.9	4.0	4.1	4.3	4.6	4.8	4.9
otal population	69.7	71.3	73.2	75.7	78.9	80.9	82.1
ged 15 and over	55.3	56.4	58.1	60.1	62.6	64.0	65.3
ged 20 and over	50.1	51.3	53.0	55.0	57.3	58.6	59.7

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

# **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# OTTAWA-CARLETON (R.M.)

## **ALCOHOL-RELATED OCCURRENCES**

Rates per 100,000 15+   Sept 100,000 15+   Sept 100,000 15+   Sept 100,000 15+   Sept 17+   Setimated Moderate Risk Consumers   Sept 1990   Sept 12,468   Sept 100,000   Sept 12,468   Sept 100,000   Sept 12,468   Sept 100,000   Se	Consumption of Absolute Alcohol		1990-91		1990-91
Rates per 100,000 15+   Se 771	P	Numbe		Litres per per	
Estimated Low Risk Consumers   Saze, 700   Set, 717	Litres		4,643,289	Pates per 100	8.3
Estimated Moderate Risk Consumers   69,800   5,466	Estimated Low Risk Consumers		328 700	rates per 100	
Semanted High Risk Consumers   30,600   5,466					
Liquor Act					5,466.2
Liquor Act					
Impaired Operation Causing Bodily Harm	egal Offences	1990	1993	1990	1993
Impaired Operation Causing Bodily Harm   18	Liquor Act	4,481	5,774	649.1	804.5
Impaired Operation Over 80 mg%   1,371   1,261   147   114   21.3   15   15   16   17   17   17   17   17   17   17	Impaired Operation Causing Death	-	1	-	0.1
Privary Diagnoses   1991   1992   1991   1992   1992   1992   1992   1993   1994   1994   1995   1	Impaired Operation Causing Bodily Harm	18	7	2.6	1.0
Total   6,017   7,157   872   997.   1,383.1   919.	Impaired Operation Over 80 mg%	1,371	1,261	198.6	175.7
1,383.1   919.	Fail/Refuse to Provide Breath/Blood Sample	147		21.3	15.9
Privers in Alcohol-Related Traffic Crashes   1991   1992   1991   1992   1991   1992   1991   1992   1991   1992   1991   1993   1991   1993   1991   1993	Total	6,017	7,157	872	997.2
Resulting in Property Damage   Resulting in Personal Injury   Resulting in Personal Injury   Resulting in Fatalities   Total   Total   Total   Total   Total   Provincial Rate   Total   Provincial Rate   Total   Total   Total   Rate   Total   Total   Rate   Total   Total   Total   Rate   Total   Tota				1,383.1	919.1
Resulting in Property Damage   Resulting in Personal Injury   Resulting in Personal Injury   Resulting in Fatalities   Total   Total	Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Personal Injury   10   16   1.4   2.5   10.6   1.4   2.5   10.6   1.4   2.5   10.6   1.4   2.5   10.6   1.4   2.5   10.6   1.4   2.5   10.6   1.5   10.6   1.5   10.6   1.5   1.5   10.6   10.6   1.5   10.6   10.6   1.5   10.6   10.6   1.5   10.6   10.6   1.5   10.6   10.6   1.5   10.6   10.6   1.5   10.6	Resulting in Property Damage				65.5
Total Provincial Rate		303	306	43.0	42.0
Total Provincial Rate		10			2.:
Primary Diagnoses   1991-92   1992-93   1991-92   1992-93   Alcoholic Psychoses   69   69   9.8   9.		708	792	100.6	110.4
Primary Diagnoses	Provincial Rate			134.0	137.0
Alcoholic Psychoses   69   69   9.8   9.8   9.8   Alcohol Dependence Syndrome   94   117   13.4   16.5   15.5   16.5					
Alcohol Dependence Syndrome					
Nondependent Abuse of Alcohol   34   44   4.8   6.					9.6
Chronic Liver Disease and Cirrhosis					
Toxic Effects of Alcohol					
Secondary Diagnoses					
Secondary Diagnoses					
Secondary Diagnoses		375	398		
Alcoholic Psychoses	Sacarday, Diagnasas		_		
Alcohol Dependence Syndrome     Nondependent Abuse of Alcohol     Chronic Liver Disease and Cirrhosis     Toxic Effects of Alcohol     Provincial Rate  Mental Hospital Separations Primary Diagnoses     Alcoholic Psychoses     Alcohol Dependence Syndrome     Nondependent Abuse of Alcohol     Total		73	40	10.4	6.5
Nondependent Abuse of Alcohol   95   148   13.5   20.0					
Chronic Liver Disease and Cirrhosis   284   263   20   8   2.8   1.					
Toxic Effects of Alcohol   20   8   2.8   1.					
Total Provincial Rate   1,009   932   143.3   129.5   190.9   189.5	_				
Provincial Rate         190.9         189.           Mental Hospital Separations         1991-92         1992-93           Primary Diagnoses         1991-92         199					
Primary Diagnoses         1991-92         1992-93         1991-92         1992-93           Alcoholic Psychoses         -         1         -         0.7         0.0           Alcohol Dependence Syndrome         5         4         0.7         0.0           Nondependent Abuse of Alcohol         -         -         -         -           Total         5         5         0.7         0.7		1,000			189.2
Alcoholic Psychoses       -       1       -       0.         Alcohol Dependence Syndrome       5       4       0.7       0.         Nondependent Abuse of Alcohol       -       -       -       -         Total       5       5       0.7       0.					
Alcohol Dependence Syndrome       5       4       0.7       0.0         Nondependent Abuse of Alcohol       -       -       -       -         Total       5       5       0.7       0.		1991-92		1991-92	1992-93
Nondependent Abuse of Alcohol  Total  5  0.7  0.8					0.1
Total 5 5 0.7 0.	Alaskal Danas danas O duana	5	4	0.7	0.6
Provincial Rate 8.5 7.	Nondependent Abuse of Alcohol	-		-	-

# OTTAWA-CARLETON (R.M.)

# ALCOHOL-RELATED OCCURRENCES

All rates are per 100,000 total population unless otherwise specified)

	Numb	er	Rates per 1	00,000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	4	1	0.6	0.1
Alcohol Dependence Syndrome	12	10	1.7	1.4
Chronic Liver Disease and Cirrhosis	41	53	5.8	7.4
Total	57	64	8.1	8.9
Provincial Rate			10.7	10.3
RUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	384	184	54.6	25.7
Heroin	4	4	0.6	0.6
Cocaine	139	48	19.8	6.7
Other Drugs	24	32	3.4	4.4
Controlled Drugs	2	50	0.3	6.9
Restricted Drugs	28	10	3.9	1.3
Total	581	328	82.5	45.6
Provincial Rate			200.9	175.3
Cananal Haanital Cananations				
General Hospital Separations	4004 02	4000.02	4004.00	4000.02
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	12	14	1.7	2.0
Drug Dependence	22	21	3.1	2.9
Nondependent Abuse of Drugs	21	10	3.0	1.4
Poisoning by Analgesics, Antipyretics	119	120	16.9	16.7
Poisoning by Sedatives and Hypnotics	22	15	3.1	2.1
Poisoning by Psychotropic Agents	129	136	18.3	18.9
Total Provincial Rate	325	316	46.2 67.0	44.0
Provincial Rate		_	67.0	63.6
Secondary Diagnoses				
Drug Psychoses	17	21	2.4	2.9
Drug Dependence	76	98	10.8	13.7
Nondependent Abuse of Drugs	177	149	25.1	20.8
Poisoning by Analgesics, Antipyretics	102	85	14.5	11.8
Poisoning by Sedatives and Hypnotics	20	20	2.8	2.8
Poisoning by Psychotropic Agents	119	115	16.9	16.0
Total	511	488	72.6	68.0
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	-	-	-
Drug Dependence	5	2	0.7	0.3
Nondependent Abuse of Drugs	**			-
Total	5	2	0.7	0.3
Provincial Rate			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	11	8	1.6	1.1
Suicide	16	16	2.3	2.2
		4	-	0.6

3.8

3.1

28

0.6

3.9

3.4

Undetermined

Total

**Provincial Rate** 

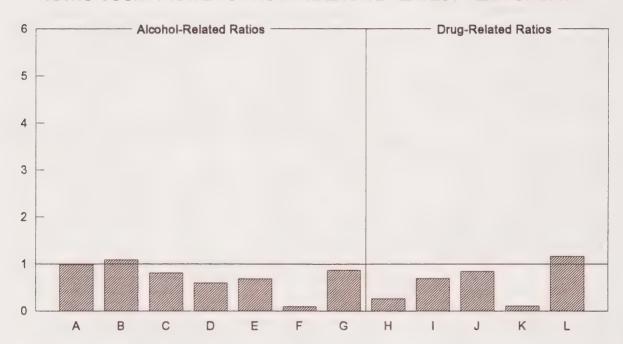
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# OTTAWA-CARLETON (R.M.)

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992				
	(in thousands)										
0- 9	78.2	80.7	83.6	86.6	89.7	92.7	95.1				
10-14	39.3	39.4	39.6	40.0	40.8	41.9	43.2				
15-19	45.6	46.0	46.7	46.9	46.4	45.1	44.6				
20-29	130.8	130.7	129.8	131.0	131.3	130.2	128.9				
30-39	113.5	116.0	118.8	122.6	126.2	129.9	133.3				
40-49	78.1	83.3	88.5	93.7	98.4	103.2	106.8				
50-59	58.6	59.3	59.8	60.7	61.5	62.7	64.7				
60-64	26.3	26.2	26.2	26.1	26.1	26.4	26.8				
65-74	37.5	39.2	40.3	41.6	42.7	43.7	44.8				
75+	22.5	23.5	24.7	25.9	27.2	28.3	29.6				
Total population	630.3	644.3	658.0	675.1	690.3	703.9	717.7				
Aged 15 and over	512.9	524.2	534.8	548.5	559.8	569.5	579.5				
Aged 20 and over	467.3	478.2	488.1	501.6	513.4	524.4	534.9				

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# **OXFORD**

# ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol		1990-91		1990-91
	Numbe		Litres per pe	rson 15+
Litres		499,941		6.8
Estimated Low Risk Consumers			Rates per 100	
Estimated Low Risk Consumers  Estimated Moderate Risk Consumers		50,300		68,249.7
		7,000		9,498.0
Estimated High Risk Consumers		3,000		4,070.6
Legal Offences	1990	1993	1990	1993
Liquor Act	1,174	639	1,241.0	653.4
Impaired Operation Causing Death	-	-	-	-
Impaired Operation Causing Bodily Harm	1	7	1.1	7.2
Impaired Operation Over 80 mg%	431	256	455.6	261.8
Fail/Refuse to Provide Breath/Blood Sample	22	21	23.3	21.5
To	otal 1,628	923	1,721	943.8
		L	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	86	86	89.5	87.9
Resulting in Personal Injury	68	69	70.8	70.6
Resulting in Fatalities	1 155	5	1.0	5.1
Provincial	otal 155	160	161.3	163.6
Provincial	Rate	L	134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Primary Diagnoses Alcoholic Psychoses	13	6	13.5	6.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	13 53	6 51	13.5 55.2	6.1 52.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	13 53 9	6 51 7	13.5 55.2 9.4	6.1 52.1 7.2
Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome  Nondependent Abuse of Alcohol  Chronic Liver Disease and Cirrhosis	13 53 9 37	6 51 7 30	13.5 55.2 9.4 38.5	6.1 52.1 7.2 30.7
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	13 53 9 37 4	6 51 7 30 5	13.5 55.2 9.4 38.5 4.2	6.1 52.1 7.2 30.7 5.1
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	13 53 9 37 4 116	6 51 7 30	13.5 55.2 9.4 38.5 4.2 120.7	6.1 52.1 7.2 30.7 5.1 <b>101.2</b>
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	13 53 9 37 4 116	6 51 7 30 5	13.5 55.2 9.4 38.5 4.2	6.1 52.1 7.2 30.7 5.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial	13   53   9   37   4   116   Rate	6 51 7 30 5 99	13.5 55.2 9.4 38.5 4.2 120.7	6.1 52.1 7.2 30.7 5.1 101.2 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses Alcoholic Psychoses	13   53   9   37   4   116   Rate	6 51 7 30 5 99	13.5 55.2 9.4 38.5 4.2 120.7 101.1	6.1 52.1 7.2 30.7 5.1 101.2 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses Alcohol Dependence Syndrome	13   53   9   37   4   116   Rate	6 51 7 30 5 99	13.5 55.2 9.4 38.5 4.2 120.7 101.1	6.1 52.1 7.2 30.7 5.1 101.2 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	13   53   9   37   4   116   Rate	6 51 7 30 5 99	13.5 55.2 9.4 38.5 4.2 120.7 101.1	6.1 52.1 7.2 30.7 5.1 101.2 93.1
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	13   53   9   37   4   116   Rate   7   74   18   42	6 51 7 30 5 99	13.5 55.2 9.4 38.5 4.2 120.7 101.1	6.1 52.1 7.2 30.7 5.1 101.2 93.1 12.3 111.5 20.4 37.8
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	13   53   9   37   4   116   Rate   7   74   18   42   1	6 51 7 30 5 99	13.5 55.2 9.4 38.5 4.2 120.7 101.1 7.3 77.0 18.7 43.7 1.0	6.1 52.1 7.2 30.7 5.1 101.2 93.1 12.3 111.5 20.4 37.8 1.0
Primary Diagnoses  Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	13   53   9   37   4   116   Rate   7   74   18   42   1   10tal   142   1	6 51 7 30 5 99	13.5 55.2 9.4 38.5 4.2 120.7 101.1	6.1 52.1 7.2 30.7 5.1 101.2 93.1 12.3 111.5 20.4 37.8
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial	13   53   9   37   4   116   Rate   7   74   18   42   1   10tal   142   1	6 51 7 30 5 99	13.5 55.2 9.4 38.5 4.2 120.7 101.1 7.3 77.0 18.7 43.7 1.0	6.1 52.1 7.2 30.7 5.1 101.2 93.1 12.3 111.5 20.4 37.8 1.0 183.0
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Toxic Effects of Alcohol  Mental Hospital Separations	13   53   9   37   4   116   Rate   7   74   18   42   1   10tal   Rate   142   Rate	6 51 7 30 5 99	13.5 55.2 9.4 38.5 4.2 120.7 101.1 7.3 77.0 18.7 43.7 1.0 147.8 190.9	6.1 52.1 7.2 30.7 5.1 101.2 93.1 11.5 20.4 37.8 1.0 183.0 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Toxic Effects of Alcohol  Mental Hospital Separations Primary Diagnoses	13   53   9   37   4   116   Rate   7   74   18   42   1   142   Rate   1991-92	12 109 20 37 1 179	13.5 55.2 9.4 38.5 4.2 120.7 101.1 7.3 77.0 18.7 43.7 1.0 147.8 190.9	6.1 52.1 7.2 30.7 5.1 101.2 93.1 11.5 20.4 37.8 1.0 183.0 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Toxic Effects of Alcohol  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	13   53   9   37   4   116   Rate   7   74   18   42   1   142   Rate   1991-92   1	12 109 20 37 1 179	13.5 55.2 9.4 38.5 4.2 120.7 101.1 7.3 77.0 18.7 43.7 1.0 147.8 190.9	6.1 52.1 7.2 30.7 5.1 101.2 93.1 11.5 20.4 37.8 1.0 183.0 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol To Provincial  Mental Hospital Separations Primary Diagnoses Alcohol Dependence Syndrome Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome	13   53   9   37   4   116   Rate   7   74   18   42   1   142   Rate   1991-92   1   14   14   14   14   14   14   15   16   16   16   16   16   16   16	12 109 20 37 11 179	13.5 55.2 9.4 38.5 4.2 120.7 101.1 7.3 77.0 18.7 43.7 1.0 147.8 190.9	6.1 52.1 7.2 30.7 5.1 101.2 93.1 11.5 20.4 37.8 1.0 183.0 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	13   53   9   37   4   16   Rate   7   74   18   42   1   142   Rate   1991-92   1   14   -	12 109 20 37 1 179	13.5 55.2 9.4 38.5 4.2 120.7 101.1 7.3 77.0 18.7 43.7 1.0 147.8 190.9	6.1 52.1 7.2 30.7 5.1 101.2 93.1 11.5 20.4 37.8 1.0 183.0 189.2
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  To Provincial  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	13   53   9   37   4   16   Rate   7   74   18   42   1   142   Rate   1991-92   1   14   -   15   15   15   15   15   15   15	12 109 20 37 11 179	13.5 55.2 9.4 38.5 4.2 120.7 101.1 7.3 77.0 18.7 43.7 1.0 147.8 190.9	6.1 52.1 7.2 30.7 5.1 101.2 93.1 11.5 20.4 37.8 1.0 183.0 189.2

## **OXFORD**

Number

Rates per 100,000

# **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe		Rates per 1	
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-		-	-
Alcohol Dependence Syndrome	-	2	-	2.0
Chronic Liver Disease and Cirrhosis	9	7	9.4	7.2
Total	9	9	9.4	9.2
Provincial Rate			10.7	10.3
DRUG-RELATED OCCURRENCES		_	10.1 ;	,,,,,
Legal Offences	1991	1992	1991	1992
Marijuana	107	226	110.9	231.6
Heroin	-	1	-	1.5
Cocaine	7	9	6.8	8.8
	1	6	1.0	6.5
Other Drugs		17	1.0	
Controlled Drugs	-			16.9
Restricted Drugs	4	11	3.7	11.2
Total	118	270	122.4	276.4
Provincial Rate			200.9	175.3
General Hospital Separations	1001.00			1000 00
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1	3	1.0	3.1
Drug Dependence	7	3	7.3	3.1
Nondependent Abuse of Drugs	8	4	8.3	4.1
Poisoning by Analgesics, Antipyretics	27	28	28.1	28.6
Poisoning by Sedatives and Hypnotics	5	5	5.2	5.1
Poisoning by Psychotropic Agents	21	23	21.9	23.5
Total	69	66	71.8	67.5
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	1	2	1.0	2.0
Drug Dependence	11	18	11.4	18.4
Nondependent Abuse of Drugs	15	21	15.6	21.5
Poisoning by Analgesics, Antipyretics	24	24	25.0	24.5
Poisoning by Sedatives and Hypnotics	3	3	3.1	3.1
	14	21	14.6	21.5
Poisoning by Psychotropic Agents				
Total Provincial Rate	68	89	70.8 75.2	91.0 81.0
		_	7 0.2 ;	01.0
Mental Hospital Separations	4004.00	4002.02	4004.00	4000.00
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-		-	1.0
Drug Dependence	-	1	-	1.0
Nondependent Abuse of Drugs	1	1	1.0	1.0
Total	1	3	1.0	3.1
Provincial Rate			2,1	2.6
Mortality:		_		
From Drugs< Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	-	-	-	-
Suicide	1	-	1.0	-

Undetermined

Total

Provincial Rate

1.0

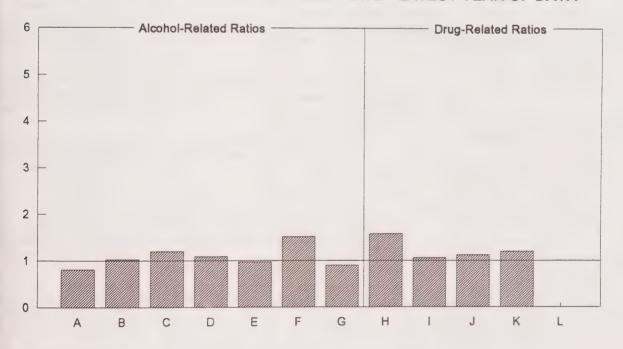
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#### **OXFORD**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	nousands)			
0- 9	12.7	12.8	13.1	13.5	14.2	14.5	14.7
10-14	6.6	6.5	6.6	6.6	6.8	6.9	7.1
15-19	6.8	6.6	6.6	6.7	6.8	6.9	6.9
20-29	14.7	14.5	14.4	14.3	14.5	14.2	14.0
30-39	13.1	13.3	13.7	14.3	15.1	15.6	16.2
40-49	9.6	10.1	10.3	10.9	11.4	11.9	12.3
50-59	8.6	8.5	8.5	8.5	8.7	8.7	9.0
60-64	4.3	4.3	4.3	4.3	4.3	4.3	4.3
65-74	6.6	6.8	6.8	7.0	7.4	7.5	7.8
75+	5.0	5.1	5.2	5.4	5.5	5.7	5.7
Total population	87.9	88.6	89.6	91.6	94.6	96.1	97.8
Aged 15 and over	68.7	69.2	69.8	71.4	73.7	74.8	76.2
Aged 20 and over	61.9	62.6	63.2	64.7	66.9	67.9	69.3

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



## **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# **PARRY SOUND**

# **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol		1990-91		1990-9
Solisalilibiloti of Absolute Alcohol	Numbe		Litres per per	
Litres		384,856		12
			Rates per 100	
Estimated Low Risk Consumers		16,000		50,955
Estimated Moderate Risk Consumers		6,200		19,745
Estimated High Risk Consumers		2,900		9,235
<u>Legal Offences</u>	1990	1993	1990	19
Liquor Act	798	451	2,051.4	1,108
Impaired Operation Causing Death	1		2.6	1,100
Impaired Operation Causing Beath Impaired Operation Causing Bodily Harm	5	2	12.9	
Impaired Operation Over 80 mg%	244	170	627.2	41
Fail/Refuse to Provide Breath/Blood Sample	20	16	51.4	3:
Tota		639	2,746	1,57
1000	1,000	039	1,383.1	91
		_		
Privers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	42	43	105.5	10
Resulting in Personal Injury	51	55	128.1	13
Resulting in Fatalities	3	6	7.5	1
Tota		104	241.2	25
Provincial Ra				4.00
Provincial Ra	te		134.0	13
General Hospital Separations			134.0	13
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1991-92	1992-93	134.0	
General Hospital Separations Primary Diagnoses Alcoholic Psychoses		9		1992-
General Hospital Separations Primary Diagnoses	1991-92	9	1991-92	<b>1992</b> -
General Hospital Separations Primary Diagnoses Alcoholic Psychoses	1991-92 5 22 4	9 13 5	<b>1991-92</b> 12.6	<b>1992</b> - 2
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92 5 22 4 15	9 13 5 15	1991-92 12.6 55.3 10.1 37.7	1992- 2 3
eneral Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1991-92 5 22 4 15	9 13 5 15	1991-92 12.6 55.3 10.1 37.7 7.5	1992- 2 3 1 3
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	1991-92 5 22 4 15 3	9 13 5 15	1991-92 12.6 55.3 10.1 37.7 7.5	1992- 2 3 1 3
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	1991-92 5 22 4 15 3	9 13 5 15	1991-92 12.6 55.3 10.1 37.7 7.5	1992- 2: 3 1: 3:
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses	1991-92 5 22 4 15 3 49	9 13 5 15 2 44	1991-92 12.6 55.3 10.1 37.7 7.5 123.1	1992- 2 3 1 3 10 9
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcoholic Psychoses	1991-92 5 22 4 15 3 49	9 13 5 15 2 44	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1	1992- 2 3 1 3 10 9
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcohol Dependence Syndrome	1991-92 5 22 4 15 3 49 te	9 13 5 15 2 44	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1	1992- 2 3 1 3 10 9
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1991-92 5 22 4 15 3 49 te	9 13 5 15 2 44	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1	1992- 22 3 11: 36 10: 9:
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	1991-92 5 22 4 15 3 49 te	9 13 5 15 2 44 6 56 21 25	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1	1992- 22 3 12 3 10 9 10 9 14 13 5
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	1991-92 5 22 4 15 3 49 te	9 13 5 15 2 44 6 56 21 25	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1 32.7 170.9 35.2 62.8	1992- 22 3 12 30 100 93 14 133 5 6
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	1991-92 5 22 4 15 3 49 te	9 13 5 15 2 44 6 56 21 25	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1	1992- 22 3 12 30 100 93 14 133 5 6
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Toxic Effects of Alcohol Toxic Effects of Alcohol Tota Provincial Ra  Tota	1991-92 5 22 4 15 3 49 te	9 13 5 15 2 44 6 56 21 25	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1 32.7 170.9 35.2 62.8	1992- 22 3 11: 36 10: 9: 14: 13: 5 6
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Tota Provincial Ra  Mental Hospital Separations	1991-92 5 22 4 15 3 49 te	9 13 5 15 2 44 6 56 21 25 -	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1 32.7 170.9 35.2 62.8 - 301.5 190.9	1992- 27 3 11: 36 100 93 14: 133 5 6 26: 189
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses	1991-92 5 22 4 15 3 49 te	9 13 5 15 2 44 6 56 21 25	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1 32.7 170.9 35.2 62.8	1992- 22 3 1: 3 100 9: 14 13 5 6
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	1991-92 5 22 4 15 3 49 te	9 13 5 15 2 44 6 56 21 25 - 108	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1 32.7 170.9 35.2 62.8 301.5 190.9	1992- 22 3 1: 3( 100 9: 14 13: 5 6
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses	1991-92 5 22 4 15 3 49 te	9 13 5 15 2 44 6 56 21 25 - 108	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1 32.7 170.9 35.2 62.8 - 301.5 190.9	1992-1 27 3 11 36 100 93 14 133 5-6 263 189
Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92 5 22 4 15 3 49 te	9 13 5 15 2 44 6 56 21 25 - 108	1991-92 12.6 55.3 10.1 37.7 7.5 123.1 101.1 32.7 170.9 35.2 62.8 - 301.5 190.9	1992-5 22 3-12 36 108 93 14 137 5-5 6-1 1992-5 7

# **PARRY SOUND**

# **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00,000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-		-	-
Alcohol Dependence Syndrome	2	-	5.0	
Chronic Liver Disease and Cirrhosis	4	3	10.1	7.4
Total		3	15.1	7.4
Provincial Raf			10.7	10.3
UG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	62	62	155.9	152.0
Heroin	-	1	-	3.6
Cocaine	1	-	2.7	
Other Drugs	1	-	2.5	
Controlled Drugs	-	-	2.0	-
Restricted Drugs	2	-	6.0	
Total		63	167.2	155.7
Provincial Rat		- 03	200.9	175.3
General Hospital Separations				·
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	5	4	12.6	9.8
Drug Dependence	2		5.0	5.0
Nondependent Abuse of Drugs	2	2	5.0	4.9
Poisoning by Analgesics, Antipyretics	11	16	27.6	39.3
	3		7.5	
Poisoning by Sedatives and Hypnotics	12	20		4.9
Poisoning by Psychotropic Agents		44	30.2 87.9	49.1
Total Provincial Rat		44	67.0	108.1 63.6
		-	07.07	00.0
Secondary Diagnoses				
Drug Psychoses	2	4	5.0	9.8
Drug Dependence	7	11	17.6	27.0
Nondependent Abuse of Drugs	4	16	10.1	39.3
Poisoning by Analgesics, Antipyretics	1	10	2.5	24.6
Poisoning by Sedatives and Hypnotics	2	-	5.0	-
Poisoning by Psychotropic Agents	6	6	15.1	_ 14.7
Total	22	47	55.3	115.5
Provincial Rat	e		75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-		-	-
Drug Dependence	-	1	-	2.5
Nondependent Abuse of Drugs	2		5.0	
Total		1	5.0	2.5
Provincial Rat			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	-		-	-
Suicide		-	-	-
Suicide				

3.4

3.1

Total

- 237 -

**Provincial Rate** 

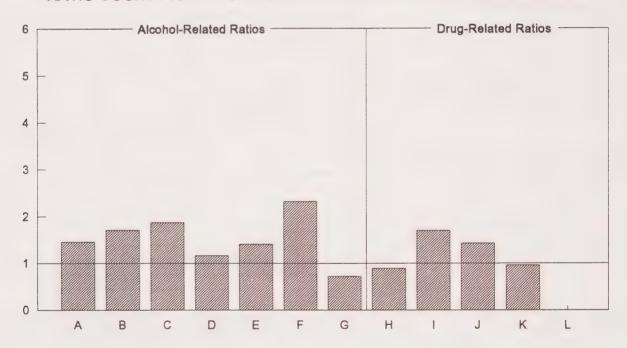
Undetermined

#### PARRY SOUND

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
	(in thousands)						
0- 9	4.4	4.6	4.7	4.8	5.0	5.1	5.1
10-14	2.5	2.4	2.4	2.5	2.6	2.6	2.6
15-19	2.7	2.6	2.5	2.5	2.5	2.6	2.6
20-29	4.6	4.7	4.9	4.9	4.9	4.7	4.6
30-39	4.8	4.9	5.0	5.3	5.7	5.9	6.1
40-49	4.1	4.3	4.5	4.7	5.0	5.2	5.4
50-59	3.9	4.0	4.1	4.3	4.5	4.6	4.8
60-64	2.2	2.2	2.3	2.3	2.4	2.4	2.5
65-74	3.6	3.7	3.8	3.8	4.0	4.1	4.3
75+	2.0	2.1	2.2	2.3	2.4	2.5	2.5
Total population	34.7	35.4	36.5	37.7	38.9	39.8	40.7
Aged 15 and over	27.9	28.5	29.3	30.1	31.4	32.0	32.8
Aged 20 and over	25.2	25.9	26.8	27.6	28.9	29.4	30.2

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
  K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# PEEL

# **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol			1990-91		1990-91
	_	Numbe		Litres per pers	
Litres			4,464,774		7.8
	-			Rates per 100,	
Estimated Low Risk Consumers			341,500		59,629.8
Estimated Moderate Risk Consumers			66,500		11,611.7
Estimated High Risk Consumers			28,800		5,028.8
Legal Offences		4000	4002	4000	4002
Liquor Act	-	1990	1993	1990	1993
Impaired Operation Causing Death	-	5,360	1,835	724.4	232.8
	-	1	1	0.1	0.1
Impaired Operation Causing Bodily Harm		42	21	5.7	2.7
Impaired Operation Over 80 mg%		1,963	1,824	265.3	231.4
Fail/Refuse to Provide Breath/Blood Sam		241	185	32.6	23.5
	Total	7,607	3,866	1,028	490.5
	_			1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes		1991	1992	1991	1992
Resulting in Property Damage	_	476	507	62.5	64.3
Resulting in Personal Injury		312	270	41.0	34.3
Resulting in Fatalities		13	19	1.7	2.4
	Total	801	796	105.2	101.0
Provinc	ial Rate			134.0	137.0
General Hospital Separations					
Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses		97	75	12.7	9.5
Alcohol Dependence Syndrome		236	202	31.0	25.6
Nondependent Abuse of Alcohol		58	56	7.6	7.1
Chronic Liver Disease and Cirrhosis		168	173	22.1	22.0
Toxic Effects of Alcohol		22	22	2.9	2.8
	Total	581	528	76.3	67.0
Provinc					
				101.1	93.1
Secondary Diagnoses			L	101.1	93.1
Secondary Diagnoses Alcoholic Psychoses	_	44	59		
Alcoholic Psychoses	F	44 533	59 581	5.8	7.5
Alcoholic Psychoses Alcohol Dependence Syndrome		533	581	5.8 70.0	7.5 73.7
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	E	533 95	581 108	5.8 70.0 12.5	7.5 73.7 13.7
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	E	533 95 283	581	5.8 70.0 12.5 37.2	7.5 73.7 13.7 36.8
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	Total	533 95 283 12	581 108 290 7	5.8 70.0 12.5 37.2 1.6	7.5 73.7 13.7 36.8 0.9
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	Total	533 95 283	581 108	5.8 70.0 12.5 37.2	7.5 73.7 13.7 36.8
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinc		533 95 283 12	581 108 290 7	5.8 70.0 12.5 37.2 1.6 127.0	7.5 73.7 13.7 36.8 0.9 132.6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinc  Mental Hospital Separations		533 95 283 12 967	581 108 290 7 1,045	5.8 70.0 12.5 37.2 1.6 127.0 190.9	7.5 73.7 13.7 36.8 0.9 132.6 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinc  Mental Hospital Separations Primary Diagnoses		533 95 283 12 967	581 108 290 7 1,045	5.8 70.0 12.5 37.2 1.6 127.0 190.9	7.5 73.7 13.7 36.8 0.9 132.6 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinc  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses		533 95 283 12 967	581 108 290 7 1,045	5.8 70.0 12.5 37.2 1.6 127.0 190.9	7.5 73.7 13.7 36.8 0.9 132.6 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinc  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome		533 95 283 12 967	581 108 290 7 1,045	5.8 70.0 12.5 37.2 1.6 127.0 190.9	7.5 73.7 13.7 36.8 0.9 132.6 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinc  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	ial Rate	533 95 283 12 967	581 108 290 7 1,045	5.8 70.0 12.5 37.2 1.6 127.0 190.9	7.5 73.7 13.7 36.8 0.9 132.6 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinc  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	Total	533 95 283 12 967	581 108 290 7 1,045	5.8 70.0 12.5 37.2 1.6 127.0 190.9	7.5 73.7 13.7 36.8 0.9 132.6 189.2

# PEEL

# **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00,000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	1	1	0.1	0.1
Alcohol Dependence Syndrome	10	10	1.3	1.3
Chronic Liver Disease and Cirrhosis	36	43	4.7	5.5
Total	47	54	6.2	6.9
Provincial Rate			10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	766	890	100.6	112.9
Heroin	14	13	1.9	1.7
Cocaine	160	196	21.0	24.9
Other Drugs	5	10	0.7	1.3
Controlled Drugs	-	17	-	2.1
Restricted Drugs	24	27	3.1	3.5
Total	969	1,153	127.3	146.3
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	16	13	2.1	1.6
Drug Dependence	51	41	6.7	5.2
Nondependent Abuse of Drugs	25	18	3.3	2.3
Poisoning by Analgesics, Antipyretics	170	152	22.3	19.3
Poisoning by Sedatives and Hypnotics	30	32	3.9	4.1
Poisoning by Psychotropic Agents	157	133	20.6	16.9
Total	449	389	59.0	49.4
Provincial Rate		L	67.0	63.6
Secondary Diagnoses				
Drug Psychoses	24	15	3.2	1.9
Drug Dependence	79	88	10.4	11.2
Nondependent Abuse of Drugs	90	71	11.8	9.0
Poisoning by Analgesics, Antipyretics	99	109	13.0	13.8
Poisoning by Sedatives and Hypnotics	38	27	5.0	3.4
Poisoning by Psychotropic Agents	131	139	17.2	17.6
Total	461	449	60.6	57.0
Provincial Rate		L	75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1	-	0.1	-
Drug Dependence	1	1	0.1	0.1
Nondependent Abuse of Drugs	-	-	-	
Total	2	1	0.3	0.1
Provincial Rate			2.1	2.6
Mortality:				
From Drugs. Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	8	9	1.1	1.1
Suicide	8	8	1.1	1.0
Undetermined	-	1	-	0.1

16

18

Total

Provincial Rate

2.3

3.4

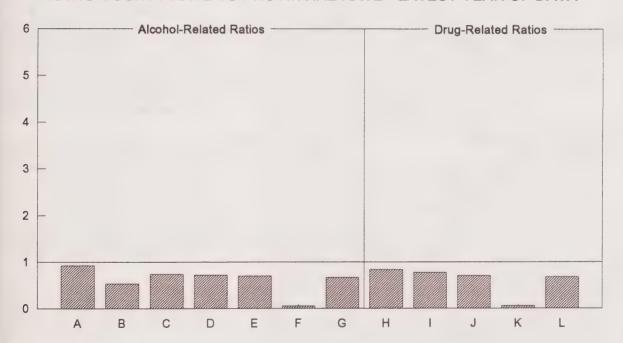
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#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(i	n thousands)			
0- 9	96.9	100.9	105.5	110.4	113.8	116.3	120.2
10-14	48.1	49.1	50.6	52.5	53.6	55.0	56.3
15-19	50.7	51.9	53.3	54.8	55.7	56.0	56.7
20-29	121.0	126.1	130.7	138.0	141.0	140.8	141.5
30-39	116.0	120.0	124.8	132.6	137.4	141.9	148.6
40-49	82.1	89.1	95.8	103.1	108.7	114.2	119.6
50-59	52.1	54.7	57.4	60.6	63.4	66.5	69.8
60-64	18.2	19.2	20.3	21.3	22.4	23.4	24.7
65-74	21.3	23.0	24.4	26.3	28.0	30.1	32.3
75+	11.9	13.0	13.9	15.1	16.1	17.1	18.5
Total population	618.1	646.8	676.8	714.4	739.9	761.2	788.1
Aged 15 and over	473.3	497.0	520.6	551.8	572.7	590.0	611.7
Aged 20 and over	422.6	445.1	467.3	497.0	517.0	534.0	555.0

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



# **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# PERTH

# ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol		1990-91		1990-
	Numbe		Litres per per	
Litres		438,581	D 4 400	7
Estimated Low Risk Consumers		26 400	Rates per 100	
Estimated Low Risk Consumers Estimated Moderate Risk Consumers		36,400		65,350
Estimated High Risk Consumers		6,400 2,800		11,490 5,026
Esumated Flight Nisk Consumers		2,000		3,020
egal Offences	1990	1993	1990	19
Liquor Act	1,486	808	2,069.6	1,10
Impaired Operation Causing Death	-	-	-	
Impaired Operation Causing Bodily Harm	2	-	2.8	
Impaired Operation Over 80 mg%	353	245	491.6	33
Fail/Refuse to Provide Breath/Blood Sample	28	6	39.0	
Tot	al 1,869	1,059	2,603	1,44
		L	1,383.1	91
rivers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	44	48	60.8	6
Resulting in Personal Injury	46	43	63.5	5
Resulting in Fatalities		1	- 404.0	40
Tot Provincial R		92	124.3 134.0	12 13
ieneral Hospital Separations Primary Diagnoses Alcoholic Psychoses	<b>1991-92</b>	<b>1992-93</b> 9	<b>1991-92</b> 6.9	<b>1992</b> -
Alcohol Dependence Syndrome	64	57	88.4	7
Nondependent Abuse of Alcohol	10	15	13.8	2
Chronic Liver Disease and Cirrhosis	19	17	26.2	2
Toxic Effects of Alcohol	6	2	8.3	
Tot		100	143.6	13
Provincial Ra	ate	L	101.1	9
Secondary Diagnoses Alcoholic Psychoses	10	4	13.8	
Alcoholic Psychoses Alcohol Dependence Syndrome	10	4 81	13.8 102.2	
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol				11
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	74	81	102.2	11
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	74 20 50	81 30 47	102.2 27.6 69.1	110 4 6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot	74 20 50 - 154	81 30 47	102.2 27.6 69.1 -	110 4 6 22
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial Ra	74 20 50 - 154	81 30 47	102.2 27.6 69.1	110 4 6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tot Provincial Ra	74 20 50 - al 154	81 30 47 - 162	102.2 27.6 69.1 - 212.7 190.9	11 4 6 22 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Toto Provincial Railental Hospital Separations Primary Diagnoses	74 20 50 50 - 154 ate	81 30 47 - 162	102.2 27.6 69.1 - 212.7 190.9	111 4 6 22 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Railental Hospital Separations Primary Diagnoses Alcoholic Psychoses	74 20 50 50 - 154 ate	81 30 47 - 162	102.2 27.6 69.1 - 212.7 190.9	111 4 6 22 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Railental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	74 20 50 50 - 154 ate	81 30 47 - 162	102.2 27.6 69.1 - 212.7 190.9	111 4 6 22 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Railental Hospital Separations Primary Diagnoses Alcoholic Psychoses	74 20 50 50 - 154 ate 1991-92 - 10 3	81 30 47 - 162	102.2 27.6 69.1 - 212.7 190.9	110 4 64 222 189 1992-4

# **PERTH**

#### **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	
Alcohol Dependence Syndrome	2	1	2.8	1.4
Chronic Liver Disease and Cirrhosis	3	6	4.1	8.2
Total	5	7	6.9	9.6
Provincial Rate			10.7	10.3
RUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	100	98	137.5	133.7
Heroin	-	-	-	-
Cocaine	3	4	4.5	5.0
Other Drugs	1	4	1.4	5.2
Controlled Drugs	-		-	-
Restricted Drugs	-	3	-	3.7
Total	104	108	143.3	147.7
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1	3	1.4	4.1
Drug Dependence	3	4	4.1	5.5
Nondependent Abuse of Drugs	-	4	-	5.5
Poisoning by Analgesics, Antipyretics	27	18	37.3	24.6
Poisoning by Sedatives and Hypnotics	3	4	4.1	5.5
Poisoning by Psychotropic Agents	20	12	27.6	16.4
Total	54	45	74.6	61.6
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	3	4	4.1	5.5
Drug Dependence	13	11	18.0	15.0
Nondependent Abuse of Drugs	13	14	18.0	19.2
Poisoning by Analgesics, Antipyretics	7	27	9.7	36.9
Poisoning by Sedatives and Hypnotics	3	5	4.1	6.8
Poisoning by Psychotropic Agents	21	18	29.0	24.6
Total	60	79	82.9	108,1
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	•	-	-	-
Drug Dependence	2	-	2.8	-
Nondependent Abuse of Drugs	1	-	1.4	-
Total	3	-	4.1	-
Provincial Rate			2.1	2.6
Mortality:				
From Drugs Medicaments & Riologicals	1991	1992	1991	1992

From Drugs, Medicaments & Biologicals

Accidental Poisoning

Suicide

Undetermined

Tota

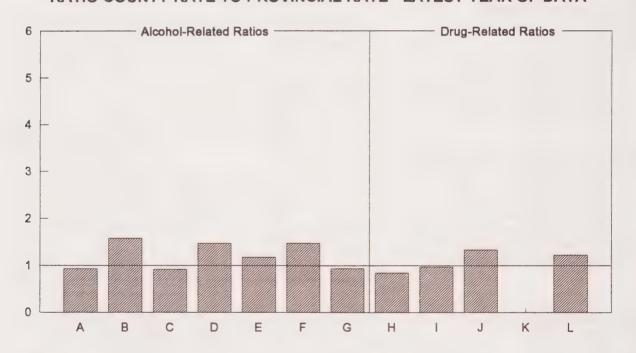
iologicals	1991	1992
	-	-
	1	2
		1
Total	1	3
Provincial Rate		

1991	1992
-	-
1.4	2.7
-	1.4
1.4	4.1
3.1	3.4

# **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
	(in thousands)						
0- 9	10.3	10.5	10.6	10.6	10.9	11.0	11.1
10-14	5.1	5.1	5.1	5.2	5.2	5.3	5.3
15-19	5.4	5.3	5.2	5.2	5.3	5.3	5.3
20-29	11.7	11.6	11.5	11.2	11.1	10.7	10.7
30-39	10.0	10.2	10.6	11.0	11.3	11.7	11.9
40-49	7.1	7.4	7.8	8.1	8.4	8.6	8.9
50-59	6.5	6.4	6.3	6.3	6.4	6.3	6.5
60-64	3.2	3.2	3.2	3.2	3.2	3.2	3.1
65-74	5.3	5.4	5.4	5.6	5.6	5.7	5.8
75+	4.0	4.1	4.2	4.3	4.4	4.5	4.6
Total population	68.6	69.2	69.8	70.8	71.8	72.4	73.1
Aged 15 and over	53.2	53.6	54.2	54.9	55.7	56.0	56.8
Aged 20 and over	47.8	48.3	49.0	49.7	50.4	50.7	51.5

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



# **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

# **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# **PETERBOROUGH**

# **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol		1990-91		1990-91
	Numbe		Litres per per	
Litres		998,491		10.3
			Rates per 100	
Estimated Low Risk Consumers		54,000		55,727.6
Estimated Moderate Risk Consumers		15,700		16,202.3
Estimated High Risk Consumers		7,100		7,327.1
				7,027.1
Legal Offences	1990	1993	1990	1993
Liquor Act	1,149	877	943.3	699.4
Impaired Operation Causing Death	-	2	-	1.6
Impaired Operation Causing Bodily Harm	11	11	9.0	8.8
Impaired Operation Over 80 mg%	687	623	564.0	496.8
Fail/Refuse to Provide Breath/Blood Sample	27	15	22.2	12.0
Tota		1,528	1,539	1,218.5
		1,020	1,383.1	919.1
			1,000.1	010.1
<b>Drivers in Alcohol-Related Traffic Crashes</b>	1991	1992	1991	1992
Resulting in Property Damage	101	94	81.4	75.0
Resulting in Personal Injury	100	93	80.6	74.2
Resulting in Fatalities	2	3	1.6	2.4
Tota	203	190	163.6	151.5
Provincial Ra	te		134.0	137.0
		_		
General Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	14	11	11.3	8.8
Alcohol Dependence Syndrome	47	53	37.9	42.3
	9	2	7.3	1.6
Nondependent Abuse of Alcohol				
Chronic Liver Disease and Cirrhosis	26	19	21.0	15.2
Toxic Effects of Alcohol	4	2	3.2	1.6
Tota		87	80.6	69.4
Provincial Ra	te	L	101.1	93.1
Secondary Diagnoses	25		00.4	45.0
Alcoholic Psychoses	25	20	20.1	15.9
Alcohol Dependence Syndrome	149	166	120.1	132.4
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	149	166 7	120.1 8.9	132.4 5.6
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	149		120.1	132.4
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	149 11 51	166 7 52	120.1 8.9 41.1	132.4 5.6 41.5
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Tota	149 11 51 - 1 236	166 7 52	120.1 8.9 41.1 - 190.2	132.4 5.6 41.5 - 195.4
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	149 11 51 - 1 236	166 7 52	120.1 8.9 41.1	132.4 5.6 41.5
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Tota	149 11 51 - 236 te	166 7 52 - 245	120.1 8.9 41.1 - 190.2 190.9	132.4 5.6 41.5 - 195.4 189.2
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Tota Provincial Ra	149 11 51 - 1 236	166 7 52	120.1 8.9 41.1 - 190.2	132.4 5.6 41.5 - 195.4
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Mental Hospital Separations	149 11 51 - 236 te	166 7 52 - 245	120.1 8.9 41.1 - 190.2 190.9	132.4 5.6 41.5 - 195.4 189.2
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	149 11 51 - 236 te	166 7 52 245	120.1 8.9 41.1 - 190.2 190.9	132.4 5.6 41.5 - 195.4 189.2
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	149 11 51 - 236 te	166 7 52 - 245 1992-93 - 5	120.1 8.9 41.1 - 190.2 190.9	132.4 5.6 41.5 - 195.4 189.2
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	149 11 51 - 1 236 te	166 7 52 - 245 1992-93	120.1 8.9 41.1 - 190.2 190.9 1991-92	132.4 5.6 41.5 - 195.4 189.2

# **PETERBOROUGH**

# ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

All rates are per 100,000 total population unless othe	erwise specified)			
	Numbe	er	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	-
Alcohol Dependence Syndrome	4	2	3.2	1.6
Chronic Liver Disease and Cirrhosis	11	11	8.9	8.8
Total		13	12.1	10.4
Provincial Rate	е		10.7	10.3
RUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	103	177	83.0	141.1
Heroin	-	-	-	-
Cocaine	9	10	7.0	7.8
Other Drugs	1	8	0.8	6.1
Controlled Drugs	1	8	0.8	6.6
Restricted Drugs	8	12	6.7	9.8
Total		215	98.4	171.4
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	3	7	2.4	5.6
Drug Dependence	10	13	8.1	10.4
Nondependent Abuse of Drugs	4	1	3.2	0.8
Poisoning by Analgesics, Antipyretics	13	20	10.5	15.9
Poisoning by Sedatives and Hypnotics	2	4	1.6	3.2
Poisoning by Psychotropic Agents	20	26	16.1	20.7
Total		71	41.9	56.6
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	3	4	2.4	3.2
Drug Dependence	17	15	13.7	12.0
Nondependent Abuse of Drugs	195	213	157.1	169.9
Poisoning by Analgesics, Antipyretics	7	13	5.6	10.4
Poisoning by Arrangesics, Arrapyretics Poisoning by Sedatives and Hypnotics	2	13	1.6	0.8
Poisoning by Psychotropic Agents	14	20	11.3	15.9
Total		266	191.8	212.1
Provincial Rate		200	75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1001-02	1002-00	1001-02	1332-33
Drug Dependence	1	-	0.8	-
Nondependent Abuse of Drugs		1	0.0	0.8
Total	1	1	0.8	0.8
Provincial Rate			2.1	2.6
8.6 - A_60A				
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	-	3	-	2.4
Suicide	1		0.8	-
Indetermined				

Undetermined

1

Total

**Provincial Rate** 

2.4

0.8

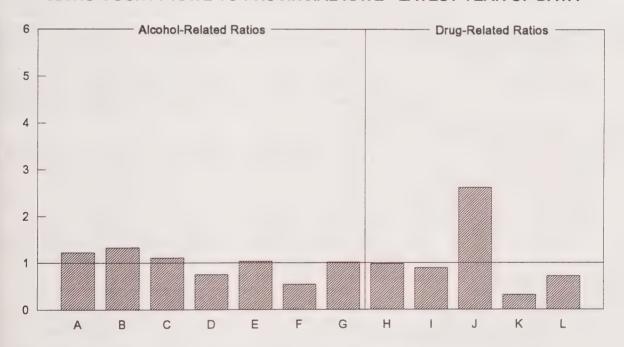
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# **PETERBOROUGH**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	housands)			
0- 9	14.3	14.7	15.3	15.9	16.8	17.1	17.3
10-14	7.3	7.3	7.4	7.7	7.9	8.0	8.1
15-19	8.2	8.2	8.2	8.1	8.1	8.1	8.1
20-29	17.0	17.3	17.4	17.7	18.1	17.9	17.3
30-39	16.2	16.6	17.0	17.8	18.8	19.3	19.7
40-49	11.8	12.8	13.5	14.4	15.3	16.0	16.6
50-59	11.2	11.1	11.1	11.4	11.4	11.5	11.6
60-64	6.2	6.2	6.3	6.5	6.5	6.5	6.5
65-74	10.0	10.4	10.7	11.1	11.4	11.8	12.2
75+	5.8	6.1	6.5	6.9	7.3	7.7	8.0
Total population	108.2	110.6	113.4	117.4	121.8	124.1	125.4
Aged 15 and over	86.4	88.7	90.7	93.9	96.9	98.8	100.0
Aged 20 and over	78.2	80.5	82.5	85.8	88.8	90.7	91.9

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

# **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# PRESCOTT and RUSSELL

# ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol		1990-91		1990-9
	Numbe		Litres per per	son 15+
Litres		332,796		6.4
			Rates per 100	
Estimated Low Risk Consumers		34,700		66,988.
Estimated Moderate Risk Consumers		4,600		8,880.
Estimated High Risk Consumers		2,000		3,861.
egal Offences	1990	1993	1990	199
Liquor Act	317	281	471.7	389.
Impaired Operation Causing Death	1	1	1.5	1.
Impaired Operation Causing Bodily Harm	2	1	3.0	1.
Impaired Operation Over 80 mg%	267	331	397.3	459
Fail/Refuse to Provide Breath/Blood Sample	9	36	13.4	49
Tota	al 596	650	887	901
			1,383.1	919
rivers in Alcohol-Related Traffic Crashes	1991	1992	1991	199
Resulting in Property Damage	43	70	61.8	97
Resulting in Personal Injury	51	61	73.3	84
Resulting in Fatalities	2	3	2.9	4
Tota		134	137.9	185
Provincial Ra	ate	L	134.0	137
eneral Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-9
Alcoholic Psychoses	3	2	4.3	2
Alcohol Dependence Syndrome	9	14	12.9	19
Nondependent Abuse of Alcohol	-	2	-	2
Chronic Liver Disease and Cirrhosis	20	12	28.7	16
Toxic Effects of Alcohol	2		2.9	
Tota		30	48.9	41
Provincial Ra	are	L	101.1	93
Secondary Diagnoses Alcoholic Psychoses	8	12	11.5	16
Alcohol Dependence Syndrome	70	41	100.6	56
Nondependent Abuse of Alcohol	5	9	7.2	12
Nondependent Abuse of Attorior		19	37.4	26
Chronic Liver Disease and Cirrhosis	26	,0,		
	26	1	-	1
Chronic Liver Disease and Cirrhosis	-		156.6	
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	- 109	1	-	113
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota  Provincial Ra  ental Hospital Separations	al 109	82	156.6 190.9	113 189
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  ental Hospital Separations Primary Diagnoses	- 109	1	156.6	113 189
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  ental Hospital Separations Primary Diagnoses Alcoholic Psychoses	1991-92	1992-93	156.6 190.9	1 113 189 1992-9
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  ental Hospital Separations  Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92	1 82 1992-93	156.6 190.9	113 189 1992-9
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  ental Hospital Separations  Primary Diagnoses  Alcoholic Psychoses  Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1991-92 - 1	1992-93	156.6 190.9	113 189
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  lental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1 82 1992-93	156.6 190.9	18

# PRESCOTT and RUSSELL

# ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-		-	-
Alcohol Dependence Syndrome	3	1	4.3	1.4
Chronic Liver Disease and Cirrhosis	4	6	5.7	8.3
Total	7	7	10.1	9.7
Provincial Rate			10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	57	59	82.4	82.4
Heroin	-	-	-	-
Cocaine	27	11	39.1	15.3
Other Drugs	3	9	4.3	12.4
Controlled Drugs	-	-	-	-
Restricted Drugs	2	3	3.4	3.8
Total	90	82	129.2	113.8
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	2	1	2.9	1.4
Drug Dependence	7	11	10.1	15.3
Nondependent Abuse of Drugs	6	-	8.6	
Poisoning by Analgesics, Antipyretics	11	11	15.8	15.3
Poisoning by Sedatives and Hypnotics	2	2	2.9	2.8
Poisoning by Psychotropic Agents	12	10	17.2	13.9
Total	40	35	57.5	48.5
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	3	4	4.3	5.5
Drug Dependence	11	9	15.8	12.5
Nondependent Abuse of Drugs	46	21	66.1	29.1
Poisoning by Analgesics, Antipyretics	23	8	33.0	11.1
Poisoning by Sedatives and Hypnotics	5	3	7.2	4.2
Poisoning by Psychotropic Agents	16	19	23.0	26.4
Total	104	64	149.4	88.8
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1331-32	1992-95	1991-92	1932-33
Drug Dependence	2	3	2.9	4.2
Nondependent Abuse of Drugs	-		2.5	7.2
Total	2	3	2.9	4.2
Provincial Rate			2.1	2.6
Fiovincial Rate		_	<b>4.1</b> 3	2.0
Mortality:	1004	4000	4004	4000
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992

MO	Tell	IIV.

From Drugs, Medica	ments & Biologicals
Accidental Poisonin	g

Suicide

Undetermined

	1	2
	-	1
	-	-
Total	1	3
<b>Provincial Rate</b>		

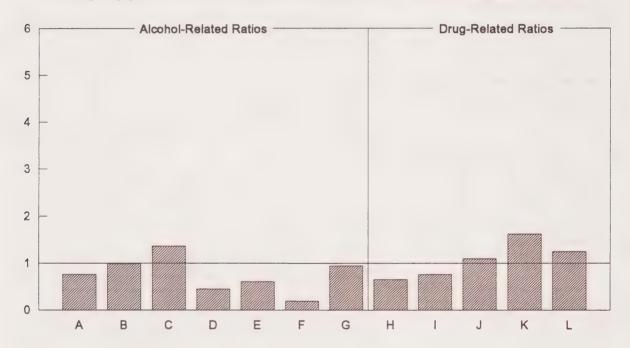
1991	1992
1.4	2.8
-	1.4
-	-
1.4	4.2
3.1	3.4

#### PRESCOTT and RUSSELL

# **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	nousands)			
0- 9	9.0	9.2	9.6	10.1	10.6	11.0	11.5
10-14	4.5	4.4	4.5	4.6	4.8	5.0	5.2
15-19	4.6	4.5	4.4	4.4	4.5	4.7	4.8
20-29	10.6	10.6	10.7	10.7	10.7	10.6	10.6
30-39	10.3	10.7	11.2	11.9	12.6	13.4	14.1
40-49	6.9	7.4	7.9	8.4	9.0	9.5	10.1
50-59	5.0	5.0	5.2	5.3	5.5	5.7	6.0
60-64	2.3	2.3	2.4	2.4	2.5	2.5	2.6
65-74	3.6	3.8	3.9	3.9	4.0	4.3	4.2
75+	2.6	2.7	2.8	2.9	3.0	3.0	3.0
Total population	59.4	60.7	62.5	64.6	67.2	69.6	72.1
Aged 15 and over	45.9	47.0	48.5	49.9	51.8	53.7	55.4
Aged 20 and over	41.3	42.5	44.1	45.5	47.3	49.0	50.6

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# PRINCE EDWARD

# **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol			1990-91		1990-91
		Numbe		Litres per per	The second secon
Litres		Hallibe	123,876	Littes per per	6.4
			120,070	Rates per 100	
Estimated Low Risk Consumers			12,700	1.000 per 100	65,803.1
Estimated Moderate Risk Consumers			1,700		8,808.3
Estimated High Risk Consumers			700		3,626.9
Legal Offences		1990	1993	1990	1993
Liquor Act		361	187	1,497.9	754.0
Impaired Operation Causing Death		-	-	-	-
Impaired Operation Causing Bodily Harn	1	-		-	-
Impaired Operation Over 80 mg%		76	48	315.4	193.5
Fail/Refuse to Provide Breath/Blood San		5	5	20.7	20.2
	Total	442	240	1,834	967.7
			L	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes		1991	1992	1991	1992
Resulting in Property Damage		25	28	102.0	112.9
Resulting in Personal Injury		23	23	93.9	92.7
Resulting in Fatalities		1	3	4.1	12.1
	Total	49	54	200.0	217.7
Province	cial Rate		L	134.0	137.0
General Hospital Separations	_				
Primary Diagnoses	_	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	_	4	3	16.3	12.1
Alcohol Dependence Syndrome		21	18	85.7	72.6
Nondependent Abuse of Alcohol		1	6	4.1	24.2
Chronic Liver Disease and Cirrhosis		10	8	40.8	32.3
Toxic Effects of Alcohol		-	1	- 440.0	4.0
Di	Total	36	36	146.9	145.2
	cial Rate			101.1	93.1
Secondary Diagnoses Alcoholic Psychoses		2	3	8.2	12.1
Alcohol Dependence Syndrome		34	41	138.8	165.3
Nondependent Abuse of Alcohol	-	6	9	24.5	36.3
Chronic Liver Disease and Cirrhosis	-	18	9	73.5	36.3
Toxic Effects of Alcohol		-		70.0	
TOAIC Effects of Alcohol	Total	60	62	244.9	250.0
Province	cial Rate	00,		190.9	189.2
Mental Hospital Separations	_				
Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses		-	-	-	-
		-	3	-	12.1
Alcohol Dependence Syndrome					
		-	-	-	- 10.1
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	Total	-	3	8.5	12.1 7.4

# **PRINCE EDWARD**

# **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe		Rates per 1	00.000
Ad a wha life .	1991	1992	1991	1992
Mortality Alachal Payahasas		1992	1991	1992
Alcohol Psychoses	-		-	
Alcohol Dependence Syndrome Chronic Liver Disease and Cirrhosis	4	1	16.3	4.0
Chronic Liver Disease and Cirmosis  Total	4	1	16.3	4.0
Provincial Rate	4		10.7	10.3
Provincial Rate		_	10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	27	15	109.9	59.9
Heroin	-	-	-	-
Cocaine	-	-	-	-
Other Drugs	2	-	8.2	-
Controlled Drugs	1	-	4.1	-
Restricted Drugs	2	1	9.8	5.5
Total	32	16	131.9	65.4
Provincial Rate	32	10	200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
	1991-92		1991-92	1992-93
Drug Psychoses	-	-	- 0.2	-
Drug Dependence	2		8.2	-
Nondependent Abuse of Drugs	1	-	4.1	-
Poisoning by Analgesics, Antipyretics	7	5	28.6	20.2
Poisoning by Sedatives and Hypnotics	1	-	4.1	-
Poisoning by Psychotropic Agents	6	5	24.5	20.2
Total	17	10	69.4	40.3
Provincial Rate		L	67.0	63.6
Secondary Diagnoses				
Drug Psychoses	1	3	4.1	12.1
Drug Dependence	2	9	8.2	36.3
Nondependent Abuse of Drugs	7	9	28.6	36.3
Poisoning by Analgesics, Antipyretics	1	3	4.1	12.1
Poisoning by Sedatives and Hypnotics	-	-	40-	_
Poisoning by Psychotropic Agents	1	1	4.1	4.0
Total	12	25	49.0	100.8
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	1	1002.00	4.1	1002-00
Drug Dependence	-	1	-	4.0
Nondependent Abuse of Drugs	-			7.0
Total	1	1	4.1	4.0
Provincial Rate	* 1		2.1	2.6
Mortality:		_		
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	1991	1332		1992
Suicide	•		-	-
Undetermined	-			
Total	-		-	
lotal	-	-	-	-

**Provincial Rate** 

3.1

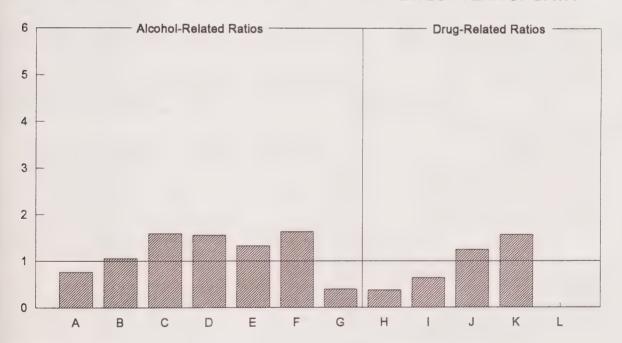
3.4

#### PRINCE EDWARD

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	housands)			
0- 9	2.9	2.9	2.9	3.0	3.1	3.1	3.0
10-14	1.5	1.5	1.5	1.5	1.6	1.7	1.6
15-19	1.7	1.7	1.6	1.6	1.5	1.5	1.6
20-29	3.4	3.3	3.3	3.1	3.0	2.9	2.8
30-39	3.3	3.4	3.4	3.5	3.6	3.7	3.8
40-49	2.5	2.7	2.9	2.9	3.1	3.2	3.3
50-59	2.5	2.5	2.6	2.7	2.6	2.6	2.8
60-64	1.4	1.4	1.4	1.4	1.4	1.5	1.4
65-74	2.1	2.3	2.3	2.4	2.5	2.6	2.7
75+	1.5	1.6	1.6	1.6	1.6	1.7	1.7
Total population	23.0	23.3	23.4	23.7	24.1	24.5	24.8
Aged 15 and over	18.4	18.9	19.1	19.2	19.3	19.7	20.1
Aged 20 and over	16.7	17.2	17.5	17.6	17.8	18.2	18.5

### RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# RAINY RIVER

# ALCOHOL-RELATED OCCURRENCES

onsumption of Absolute Alcohol		1990-91		1990-9
	Numbe		Litres per per	
Litres		176,029		9
			Rates per 100	
Estimated Low Risk Consumers		10,300		56,593
Estimated Moderate Risk Consumers		2,700		14,835
Estimated High Risk Consumers		1,200		6,593
egal Offences	1990	1993	1990	19
Liquor Act	634	710	2,686.4	2,970
Impaired Operation Causing Death	-	1	-	4
Impaired Operation Causing Bodily Harm	1	1	4.2	
Impaired Operation Over 80 mg%	156	103	661.0	431
Fail/Refuse to Provide Breath/Blood Sample	6	13	25.4	54
Tota	797	828	3,377	3,464
			1,383.1	919
rivers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	24	22	100.8	92
Resulting in Personal Injury	22	11	92.4	46
Resulting in Fatalities	2	3	8.4	1:
Tota		36	201.7	15
Provincial Ra	te	L	134.0	13
eneral Hospital Separations	4004.00	4000.00	4004.00	1000
Primary Diagnoses	1991-92	1992-93	1991-92	1992-9
Alcoholic Psychoses	37	8	25.2	33
Alcohol Dependence Syndrome	16	58	155.5	242
Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis		16	67.2	66
	3	3	12.6	12
Toxic Effects of Alcohol	2	1	8.4	0.5
Tota Provincial Ra		86	268.9 101.1	35 <sup>6</sup>
Secondary Diagnoses				
Alcoholic Psychoses	7	8	29.4	3:
Alcohol Dependence Syndrome	72	76	302.5	31
Nondependent Abuse of Alcohol	11	14	46.2	58
Chronic Liver Disease and Cirrhosis	12	7	50.4	29
Toxic Effects of Alcohol	-	2	•	8
Tota		107	428.6	44
Provincial Ra	te	L	190.9	189
ental Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-
I IIIIIai y Diaulioses	1331-32		1331-32	
	-	1	4.2	12
Alcoholic Psychoses	1			4
Alcoholic Psychoses Alcohol Dependence Syndrome	1	3		
Alcoholic Psychoses	3	1 5	12.6 16.8	20

# **RAINY RIVER**

#### **ALCOHOL-RELATED OCCURRENCES**

D

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00,000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-		-	
Alcohol Dependence Syndrome	1	1	4.2	4.2
Chronic Liver Disease and Cirrhosis		5	7.2	20.9
Total	1	6	4.2	25.
Provincial Rate			10.7	10.3
UG-RELATED OCCURRENCES		_	10.17	10.0
Legal Offences	1991	1992	1991	1992
Marijuana	37	68	157.4	284.
Heroin	-		-	
Cocaine	-			
Other Drugs	2	1	8.4	5.
Controlled Drugs			0.4	<u>J.</u>
_	-	-	-	4.4
Restricted Drugs	- 20	3	405.0	11.
Total Provincial Rate	39	72	165.8	301.
		_	200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses		1		4.3
Drug Dependence	1	3	4.2	12.
Nondependent Abuse of Drugs	1	1	4.2	4.:
Poisoning by Analgesics, Antipyretics	13	19	54.6	79.5
Poisoning by Sedatives and Hypnotics	3		12.6	7 0.0
Poisoning by Psychotropic Agents	6	10	25.2	41.8
Total	24	34	100.8	142.3
Provincial Rate		- 34	67.0	63.6
1 Tovillolal Nate	•	_	07.0	- 00.0
Secondary Diagnoses				
Drug Psychoses	2	-	8.4	-
Drug Dependence	6	5	25.2	20.9
Nondependent Abuse of Drugs	5	4	21.0	16.7
Poisoning by Analgesics, Antipyretics	3	1	12.6	4.2
Poisoning by Sedatives and Hypnotics	-	-	12.0	
Poisoning by Psychotropic Agents	1	1	4.2	4.2
Total	17	11	71.4	46.0
Provincial Rate			75.2	81.0
1 TO VIII CIAI NATE	•	_		3 7.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-		-	-
Drug Dependence	2		8.4	-
Nondependent Abuse of Drugs	-	-	-	~
Total	2	-	8.4	-
Provincial Rate			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
	1331	-	1007	
Accidental Poisoning	-			
-			_	_
Suicide	-		-	
-	-	-	-	

3.1

Total

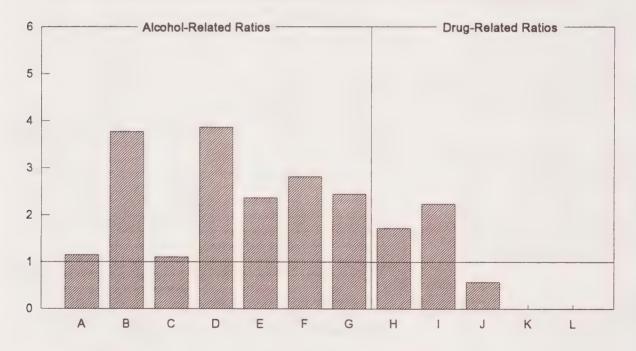
**Provincial Rate** 

#### RAINY RIVER

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	housands)	•		
0- 9	3.6	3.6	3.5	3.5	3.5	3.6	3.6
10-14	1.9	1.9	1.9	1.9	1.9	1.8	1.8
15-19	2.0	2.0	1.9	1.9	1.9	1.9	1.9
20-29	4.0	3.9	3.8	3.7	3.5	3.4	3.4
30-39	3.4	3.4	3.5	3.6	3.7	3.7	3.8
40-49	2.3	2.4	2.5	2.6	2.7	2.8	2.9
50-59	2.3	2.3	2.1	2.1	2.1	2.1	2.1
60-64	1.1	1.1	1.2	1.2	1.1	1.1	1.1
65-74	1.9	1.9	1.8	1.9	1.9	1.9	1.9
75+	1.1	1.2	1.2	1.2	1.3	1.3	1.4
Total population	23.7	23.6	23.5	23.6	23.6	23.8	23.9
Aged 15 and over	18.1	18.2	18.0	18.2	18.2	18.2	18.5
Aged 20 and over	16.1	16.2	16.1	16.3	16.3	16.3	16.6

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# **RENFREW**

# ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol		1990-91		1990-91
	Numbe		Litres per per	
Litres		746,323		10.1
-			Rates per 100	
Estimated Low Risk Consumers		42,700		57,547.2
Estimated Moderate Risk Consumers		11,600		15,633.4
Estimated High Risk Consumers		5,200		7,008.1
<u>Legal Offences</u>	1990	1993	1990	1993
Liquor Act	1,020	570	1,086.3	580.4
Impaired Operation Causing Death	-		-	-
Impaired Operation Causing Bodily Harm	1		1.1	-
Impaired Operation Over 80 mg%	277	194	295.0	197.6
Fail/Refuse to Provide Breath/Blood Sample	20	28	21.3	28.5
Total	1,318	792	1,404	806.5
		L	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	65	101	68.3	102.9
Resulting in Personal Injury	73	67	76.7	68.2
Resulting in Fatalities	7	14	7.4	14.3
Total	145	182	152.3	185.3
Provincial Rate			134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	16	20	16.8	20.4
Alcohol Dependence Syndrome	82	77	86.1	78.4
Nondependent Abuse of Alcohol	30	42	31.5	42.8
Chronic Liver Disease and Cirrhosis	32	31	33.6	31.6
Toxic Effects of Alcohol	4	3	4.2	3.1
Total	164	173	172.3	176.2
Provincial Rate		L	101.1	93.1
Secondary Diagnoses	13	21	13.7	21.4
Alcoholic Psychoses Alcohol Dependence Syndrome	181	181	190.1	184.3
	34	40	35.7	40.7
Nondependent Abuse of Alcohol	50	46	52.5	46.8
Chronic Liver Disease and Cirrhosis  Toxic Effects of Alcohol	2	2	2.1	2.0
Total	280	290	294.1	295.3
Provincial Rate	200	250	190.9	189.2
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	1	-	1.1	-
Alcohol Dependence Syndrome	5	5	5.3	5.1
Nondependent Abuse of Alcohol		-	-	-
Total	6	5	6.3	5.1
Provincial Rate			8.5	7.4

# RENFREW

# **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00,000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	-
Alcohol Dependence Syndrome	4	6	4.2	6.1
Chronic Liver Disease and Cirrhosis	8	12	8.4	12.2
	Total 12	18	12.6	18.3
Provincia	I Rate	L	10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	135	51	141.4	51.7
Heroin	-	•	-	-
Cocaine	3	4	3.4	3.7
Other Drugs	-	23	-	23.3
Controlled Drugs	-		-	-
Restricted Drugs	10		10.1	-
	Total 147	77	154.9	78.7
Provincia	I Kate	_	200.9	175.3
General Hospital Separations	1001.00	1000.00	1001.00	1000.00
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	3	8	3.2	8.1
Drug Dependence	6	4	6.3	4.1
Nondependent Abuse of Drugs	3 35	5	3.2	5.1
Poisoning by Analgesics, Antipyretics		42	36.8	42.8
Poisoning by Sedatives and Hypnotics	3 33	4	3.2	4.1 25.5
Poisoning by Psychotropic Agents	Total 83	25 <b>88</b>	34.7	
Provincia		00	87.2 67.0	89.6 63.6
riovincia	Nate	_	07.01	05.0
Secondary Diagnoses				
Drug Psychoses	9	6	9.5	6.1
Drug Dependence	11	18	11.6	18.3
Nondependent Abuse of Drugs	29	34	30.5	34.6
Poisoning by Analgesics, Antipyretics	26	17	27.3	17.3
Poisoning by Sedatives and Hypnotics	1		1.1	-
Poisoning by Psychotropic Agents	25	27	26.3	27.5
	Total 101	102	106.1	103.9
Provincial	i Rate	-	75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	-	-	-
Drug Dependence	-		-	-
Nondependent Abuse of Drugs	1	-	1.1	-
	Total 1		1.1	
Provincial	I Rate	_	2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	1	4	1.1	4.1
Suicide	1	-	1.1	-
Undetermined	-	1	-	1.0

Total

**Provincial Rate** 

2.1

3.1

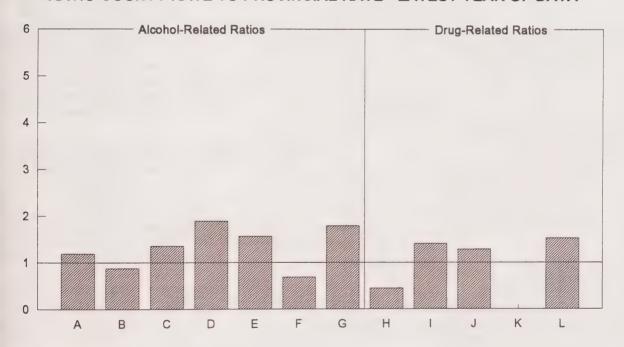
5.1

# RENFREW

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
				in thousands	)		
0- 9	12.9	13.0	13.0	13.2	13.2	13.4	13.7
10-14	6.4	6.3	6.3	6.5	6.5	6.6	6.8
15-19	7.0	6.9	6.7	6.5	6.5	6.5	6.7
20-29	16.9	16.5	16.0	15.6	15.0	14.7	14.9
30-39	13.5	13.8	14.1	14.4	14.8	15.3	16.2
40-49	9.7	10.1	10.5	10.9	11.3	11.7	12.3
50-59	9.1	9.1	9.1	9.0	9.0	9.1	9.2
60-64	4.6	4.6	4.6	4.6	4.6	4.6	4.7
65-74	6.9	7.1	7.3	7.5	7.7	7.9	8.1
75+	4.6	4.7	4.9	5.1	5.3	5.4	5.6
Total population	1. September 91.7	12.1 <b>92.2</b>	92.4	.i etc. 93.1	93.9	95.2	98.2
Aged 15 and over	72.3	72.8	73.2	73.6	74.2	75.2	77.7
Aged 20 and over	65.3	65.9	66.5	67.1	67.7	68.7	71.0

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

# **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

Ontario average for each variable = 1

For a full explanation of the graph see page 141.

# SIMCOE

# ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol		1990-91		1990-
	Numbe		Litres per per	
Litres		2,407,425		10
	· · · · · · · · · · · · · · · · · · ·		Rates per 100	
Estimated Low Risk Consumers		127,000		55,947
Estimated Moderate Risk Consumers		37,900		16,69
Estimated High Risk Consumers		17,200		7,57
egal Offences	1990	1993	1990	19
Liquor Act	5,619	3,323	1,936.9	1,07
Impaired Operation Causing Death	5	-	1.7	
Impaired Operation Causing Bodily Harm	17	17	5.9	
Impaired Operation Over 80 mg%	1,890	1,182	651.5	38
Fail/Refuse to Provide Breath/Blood Sample	123	127	42.4	4
Total	7,654	4,649	2,638	1,50
		L	1,383.1	91
rivers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	266	303	88.9	Ç
Resulting in Personal Injury	217	229	72.6	7
Resulting in Fatalities	7	13	2.3	
Total	490	545	163.8	17
Provincial Rate			134.0	13
eneral Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992
Alcoholic Psychoses	66	71	22.1	2
Alcohol Dependence Syndrome	152	136	50.8	4
Nondependent Abuse of Alcohol	23	30	7.7	
Chronic Liver Disease and Cirrhosis	80	108	26.7	3
Toxic Effects of Alcohol	19	20	6.4	
Total	340	365	113.7	11
Provincial Rate			101.1	ç
Cocondom Diagnosco				
Secondary Diagnoses Alcoholic Psychoses	42	50	14 ()	1
Alcoholic Psychoses	42 313	50 366	14.0	
Alcoholic Psychoses Alcohol Dependence Syndrome	313	366	104.6	11
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	313 71	366 70	104.6 23.7	11
Alcoholic Psychoses Alcohol Dependence Syndrome	313	366	104.6 23.7 39.8	11 2 3
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	313 71 119 6	366 70 120 9	104.6 23.7 39.8 2.0	11 2 3
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	313 71 119	366 70 120	104.6 23.7 39.8	11 2 3
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	313 71 119 6 551	366 70 120 9 615	104.6 23.7 39.8 2.0 184.2 190.9	11 2 3 19 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  ental Hospital Separations Primary Diagnoses	313 71 119 6 551	366 70 120 9 615	104.6 23.7 39.8 2.0 184.2 190.9	11 2 3 19 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  ental Hospital Separations Primary Diagnoses Alcoholic Psychoses	313 71 119 6 551	366 70 120 9 615	104.6 23.7 39.8 2.0 184.2 190.9	11 2 3 19 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  ental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	313 71 119 6 551 1991-92 4 144	366 70 120 9 615	104.6 23.7 39.8 2.0 184.2 190.9	11 2 3 19 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  ental Hospital Separations Primary Diagnoses Alcoholic Psychoses	313 71 119 6 551	366 70 120 9 615	104.6 23.7 39.8 2.0 184.2 190.9	1 11 2 3 19 18 1992- 3

#### SIMCOE

# **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	er	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	1	1	0.3	0.3
Alcohol Dependence Syndrome	4	3	1.3	1.0
Chronic Liver Disease and Cirrhosis	17	29	5.7	9.4
Tota	1 22	33	7.4	10.7
Provincial Ra	te		10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	481	445	160.9	143.8
Heroin	11	1	3.8	0.5
Cocaine	45	38	14.9	12.3
Other Drugs	18	27	6.0	8.6
Controlled Drugs	7	17	2.3	5.3
Restricted Drugs	33	27	11.2	8.8
Tota	596	556	199.1	179.4
Provincial Ra	te		200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	4002.02
Drug Psychoses	7	7	2.3	1992-93
Drug Dependence	20	9	6.7	2.3 2.9
Nondependent Abuse of Drugs	12	10	4.0	3.2
Poisoning by Analgesics, Antipyretics				
	64	83	21.4	26.8
Poisoning by Sedatives and Hypnotics	80	91	6.7	4.5
Poisoning by Psychotropic Agents  Tota		214	26.7 <b>67.9</b>	29.4 <b>69.1</b>
Provincial Ra		214	67.0	63.6
1 TOVINGIAI NA		_	07.0	00.0
Secondary Diagnoses				
Drug Psychoses	9	9	3.0	2.9
Drug Dependence	39	50	13.0	16.1
Nondependent Abuse of Drugs	64	60	21.4	19.4
Poisoning by Analgesics, Antipyretics	50	58	16.7	18.7
Poisoning by Sedatives and Hypnotics	9	9	3.0	2.9
Poisoning by Psychotropic Agents	55	61	18.4	19.7
Tota	226	247	75.6	79.8
Provincial Ra	te		75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	3	-	1.0	
Drug Dependence	13	18	4.3	5.8
Nondependent Abuse of Drugs	3	3	1.0	1.0
Tota	1 19	21	6.4	6.8
Provincial Ra	te		2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	2	4	0.7	1.3
Suicide	6	4	2.0	1.3
	1	1	0.3	0.3
Undetermined			0.5	0.3

2.9

3.4

3.0

3.1

9

Total

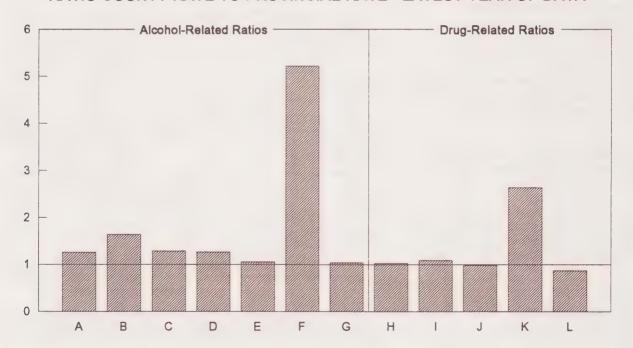
**Provincial Rate** 

#### SIMCOE

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992			
_	(in thousands)									
0- 9	34.8	36.5	38.8	41.3	43.4	45.4	47.6			
10-14	18.3	18.3	18.7	19.2	19.6	20.0	20.7			
15-19	18.9	19.0	19.3	19.8	20.0	20.1	20.4			
20-29	40.7	42.2	43.9	45.7	46.6	46.3	45.8			
30-39	39.3	40.9	43.2	46.5	49.5	52.3	55.5			
40-49	28.2	30.6	33.0	35.3	37.1	39.1	41.2			
50-59	22.3	22.7	23.3	24.2	24.8	25.5	26.4			
60-64	11.9	12.0	12.2	12.3	12.5	12.7	13.0			
65-74	19.7	20.5	21.2	21.8	22.4	23.0	23.7			
75+	11.6	12.2	12.8	13.5	14.1	14.7	15.3			
Total population	245.7	255.0	266.4	279.7	290.1	299.1	309.7			
Aged 15 and over	192.6	200.1	208.9	219.1	227.0	233.7	241.3			
Aged 20 and over	173.7	181.1	189.6	199.3	207.0	213.6	220.9			

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# SUDBURY (R.M.)

# **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol		1990-91		1990-91
1.0	Numbe		Litres per per	
Litres		1,322,183		10.1
Estimated Low Risk Consumers		72 200	Rates per 100	
Estimated Low Risk Consumers  Estimated Moderate Risk Consumers		73,300		56,254.8
Estimated High Risk Consumers		20,600 9,300		15,809.7
Estillated High Nisk Collisuries		9,300		7,137.4
Legal Offences	1990	1993	1990	1993
Liquor Act	848	806	516.8	475.5
Impaired Operation Causing Death	1	3	0.6	1.8
Impaired Operation Causing Bodily Harm	9	3	5.5	1.8
Impaired Operation Over 80 mg%	471	358	287.0	211.2
Fail/Refuse to Provide Breath/Blood Sample	37	24	22.5	14.2
Tota	1,366	1,194	832	704.4
			1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	140	119	83.8	70.2
Resulting in Personal Injury	124	106	74.2	62.5
Resulting in Fatalities	7	10	4.2	5.9
Tota	271	235	162.2	138.6
Provincial Ra	te		134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	22	20	13.2	11.8
Alcohol Dependence Syndrome	79	54	47.3	31.9
Nondependent Abuse of Alcohol	4	12 50	2.4	7.1
Chronic Liver Disease and Cirrhosis	61		36.5	29.5
Toxic Effects of Alcohol Tota		138	102.3	
Provincial Ra		130	101.1	81.4 93.1
Secondary Diagnoses				
Alcoholic Psychoses	18	20	10.8	11.8
Alcohol Dependence Syndrome	182	197	108.9	116.2
Nondependent Abuse of Alcohol	20	19	12.0	11.2
	0.5	68	50.0	40.1
Chronic Liver Disease and Cirrhosis	95		56.9	40.1
	1	2	0.6	1.2
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Tota	316		0.6 <b>189.1</b>	1.2 180.5
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	316	2	0.6	1.2
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Mental Hospital Separations	1 316 te	306	0.6 189.1 190.9	1.2 180.5 189.2
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses	1 316 te	306	0.6 189.1 190.9	1.2 180.5
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	1 316 te 1991-92	1992-93	0.6 189.1 190.9	1.2 180.5 189.2
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1 316 tte 1991-92 - 2	2 306 1992-93	0.6 189.1 190.9	1.2 180.5 189.2 1992-93
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1 316 tte 1991-92 - 2 2	1992-93 - 2 5	0.6 189.1 190.9 1991-92	1.2 180.5 189.2 1992-93 - 1.2 2.9
Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1 316 tte 1991-92 - 2 - 2 - 2 - 2	2 306 1992-93	0.6 189.1 190.9	1.2 180.5 189.2 1992-93

# SUDBURY (R.M.)

# **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	Numbe		Rates per 1	
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	1	-	0.6
Alcohol Dependence Syndrome	4	2	2.4	1.2
Chronic Liver Disease and Cirrhosis	21	11	12.6	6.5
Total	25	14	15.0	8.3
Provincial Rate		L	10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	132	210	79.2	124.1
Heroin	-	-	-	-
Cocaine	67	39	40.3	23.1
Other Drugs	-	3	-	1.5
Controlled Drugs	-	-	•	-
Restricted Drugs	13	8	7.9	4.8
Total	213	260	127.4	153.6
Provincial Rate		L	200.9	175.3
General Hospital Separations		1000000		
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	11	5	3.6	2.9
Drug Dependence	11	8	6.6	4.7 3.5
Nondependent Abuse of Drugs Poisoning by Analgesics, Antipyretics	52	37	0.6 31.1	21.8
Poisoning by Analgesics, Antipyretics  Poisoning by Sedatives and Hypnotics				10.6
Poisoning by Sedatives and Hypnotics Poisoning by Psychotropic Agents	18 68	18	10.8	38.9
Total	156	140	93.4	82.6
Provincial Rate	150	140	67.0	63.6
		-	0.10	
Secondary Diagnoses				
Drug Psychoses	3	1	1.8	0.6
Drug Dependence	17	19	10.2	11.2
Nondependent Abuse of Drugs	50	77	29.9	45.4
Poisoning by Analgesics, Antipyretics	23	26	13.8	15.3
Poisoning by Sedatives and Hypnotics	5	9	3.0	5.3
Poisoning by Psychotropic Agents	9	19	5.4	11.2
Total	107	151	64.0	89.1
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	-	-	-
Drug Dependence	-	-	-	-
Nondependent Abuse of Drugs	-	1	-	0.6
Total	-	1	-	0.6
Provincial Rate		_	2.1	2.6
Mortality:	4224	4600	****	
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	8	-	4.8	-
Suicide	6	5	3.6	2.9
Undetermined	-		-	-

14

Total

**Provincial Rate** 

2.9

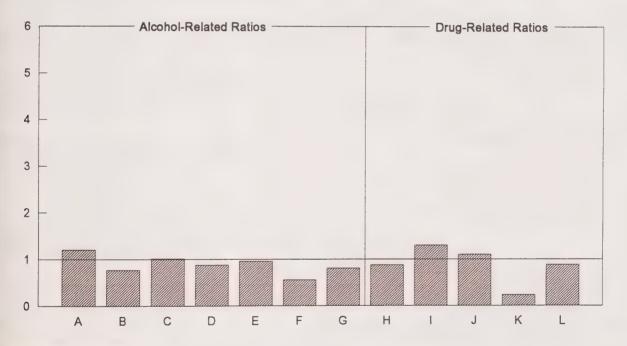
3.4

# SUDBURY (R. M.)

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
				in thousands			
0- 9	21.6	21.1	20.9	21.0	21.4	21.6	21.9
10-14	13.3	12.9	12.5	12.4	12.4	12.3	12.2
15-19	14.1	14.1	14.2	14.2	14.1	13.9	13.6
20-29	26.7	26.3	26.3	26.9	27.5	27.9	28.2
30-39	24.6	24.5	24.6	25.2	26.0	27.1	28.0
40-49	19.4	20.1	20.9	21.6	22.5	23.2	23.8
50-59	16.7	16.5	16.3	16.3	16.3	16.5	16.7
60-64	7.3	7.4	7.5	7.5	7.5	7.5	7.4
65-74	9.2	9.6	9.9	10.3	10.7	11.1	11.5
75+	4.4	4.7	5.0	5.4	5.7	5.9	6.2
Total population	157.1	157.3	158.1	160.9	164.1	167.1	169.5
Aged 15 and over	122.4	123.2	124.7	127.4	130.3	133.1	135.4
Aged 20 and over	108.3	109.1	110.5	113.2	116.2	119.2	121.8

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



# **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# SUDBURY (T.D.)

# ALCOHOL-RELATED OCCURRENCES

onsumption of Absolute Alcohol		1990-91		1990-
	Numbe		Litres per per	
Litres		229,202		11
			Rates per 100	
Estimated Low Risk Consumers		11,600		56,038
Estimated Moderate Risk Consumers		3,600		17,391
Estimated High Risk Consumers		1,700		8,212
egal Offences	1990	1993	1990	19
Liquor Act	516	355	1,925.4	1,305
Impaired Operation Causing Death	-	-	-	
Impaired Operation Causing Bodily Harm	2	3	7.5	1
Impaired Operation Over 80 mg%	204	150	761.2	55
Fail/Refuse to Provide Breath/Blood Sample	8	8	29.9	2
Total		516	2,723.9	1,89
			1,383.1	91
		_		
ivers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	23	19	84.9	6
Resulting in Personal Injury	20	17	73.8	6
Resulting in Fatalities	1	2	3.7	
Tota	al 44	38	162.4	13
Provincial Ra	ate		134.0	13
eneral Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-
Alcoholic Psychoses	5	5	18.5	1
Alcohol Dependence Syndrome	35	15	129.2	5
Nondependent Abuse of Alcohol	6	1	22.1	
Chronic Liver Disease and Cirrhosis	9	8	33.2	2
Toxic Effects of Alcohol	1	-	3.7	
Tota	al 56	29	206.6	10
Provincial Ra			101.1	9
Secondary Diagnoses				
Alcoholic Psychoses	3	4	11.1	1
Alcohol Dependence Syndrome	35	26	129.2	9
Nondependent Abuse of Alcohol	11	2	40.6	
Chronic Liver Disease and Cirrhosis	33	22	121.8	8
Toxic Effects of Alcohol	-	-	-	
Total		54	302.6	19
Provincial Ra	ate		190.9	18
ental Hospital Separations				
D.: D:	1991-92	1992-93	1991-92	1992-
Primary Diagnoses		-	-	
Alcoholic Psychoses				4
Alcoholic Psychoses Alcohol Dependence Syndrome	3	3	11.1	1
Alcoholic Psychoses	1	3	3.7	1
Alcoholic Psychoses Alcohol Dependence Syndrome	1			

# SUDBURY (T.D.)

# **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

	_				
		Numb	er	Rates per 1	00,000
Mortality		1991	1992	1991	1992
Alcohol Psychoses		-		-	-
Alcohol Dependence Syndrome		-	1	-	3.7
Chronic Liver Disease and Cirrhosis		3	2	11.1	7.4
	Total	3	3	11.1	11.0
Prov	incial Rate	3		10.7	10.3
1100	moiai Nate		_	10.1	10.3
RUG-RELATED OCCURRENCES					
Legal Offences		1991	1992	1991	1992
Marijuana		28	43	103.7	159.2
Heroin		-	-	-	-
Cocaine		-	1	-	4.5
Other Drugs		1	3	3.7	9.4
Controlled Drugs		1	-	3.7	0.1
Restricted Drugs		_	3	0.7	10.0
Troditional Drago	Total	30	50	111.1	183.1
Prov	incial Rate	30	301	200.9	175.3
Pidy	iliciai Rate		L	200.9	175.3
General Hospital Separations Primary Diagnoses		1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-				
	-	2	3	7.4	11.0
Drug Dependence	-	5	4	18.5	14.7
Nondependent Abuse of Drugs		2	1	7.4	3.7
Poisoning by Analgesics, Antipyretics.		5	14	18.5	51.5
Poisoning by Sedatives and Hypnotics		1		3.7	-
Poisoning by Psychotropic Agents		7	10	25.8	36.8
	Total	22	32	81.2	117.6
Provi	incial Rate			67.0	63.6
Secondary Diagnoses					
Drug Psychoses		-	-	-	-
Drug Dependence		3	1	11.1	3.7
Nondependent Abuse of Drugs		6	11	22.1	40.4
Poisoning by Analgesics, Antipyretics		2	1	7.4	3.7
Poisoning by Sedatives and Hypnotics		-	-		
Poisoning by Psychotropic Agents		1	2	3.7	7.4
Folsoffing by Esychotropic Agents	Total	12	15	44.3	55.1
Brow	incial Rate	12	10	75.2	81.0
Provi	inciai Rate		_	13.2	01.0
Mental Hospital Separations		1991-92	1992-93	1991-92	1992-93
Primary Diagnoses	-	1991-92	1332-33	3.7	3.7
Drug Psychoses	-		1	5.1	3.7
Drug Dependence	-	-			3.1
Nondependent Abuse of Drugs		- 4		27	7.4
_	Total	1	2	3.7	7.4
Provi	incial Rate		_	2.1	2.6
Mortality:	_				(000
From Drugs, Medicaments & Biologic	als	1991	1992	1991	1992
Accidental Poisoning		-	1	-	3.7
Suicide		-	1	-	3.7
Undetermined		-	-	-	-
	Total	-	2	99	7.4
	noial Data			3.1	3.4

3.4

3.1

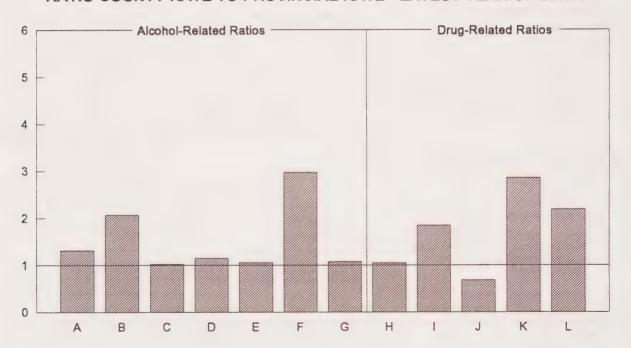
**Provincial Rate** 

# SUDBURY (T.D.)

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992	
	(in thousands)							
0- 9	4.1	4.0	3.9	3.7	3.8	3.8	3.7	
10-14	2.4	2.3	2.2	2.2	2.1	2.1	2.1	
15-19	2.4	2.3	2.3	2.3	2.3	2.3	2.3	
20-29	4.4	4.4	4.3	4.2	4.1	4.0	3.9	
30-39	4.1	4.1	4.1	4.2	4.2	4.4	4.5	
40-49	3.1	3.1	3.3	3.4	3.6	3.6	3.8	
50-59	2.7	2.7	2.8	2.8	2.8	2.9	3.0	
60-64	1.1	1.2	1.2	1.2	1.2	1.2	1.3	
65-74	1.6	1.6	1.7	1.7	1.7	1.8	1.8	
75+	0.7	0.7	0.8	0.8	0.8	0.9	0.9	
Total population	26.5	26.5	26.5	26.5	26.8	27.1	27.2	
Aged 15 and over	20.1	20.1	20.5	20.6	20.7	21.1	21.5	
Aged 20 and over	17.7	17.8	18.2	18.3	18.4	18.8	19.2	

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



# **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

# **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# THUNDER BAY

# **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Aleehal		4000.04		4000.04
Consumption of Absolute Alcohol	1990-91 Number		1990-91 Litres per person 15+	
Litres	Numbe	1,364,468	Litres per per	10.6
Littes		1,304,400	Rates per 100,	
Estimated Low Risk Consumers		70,600	rates per 100,	54,771.1
Estimated Moderate Risk Consumers		21,600		16,757.2
Estimated High Risk Consumers		9,900		7,680.4
Legal Offences	1990	1993	1990	1993
Liquor Act	2,956	2,115	1,808.0	1,277.2
Impaired Operation Causing Death	**	-	-	-
Impaired Operation Causing Bodily Harm	8	6	4.9	3.6
Impaired Operation Over 80 mg%	786	657	480.7	396.7
Fail/Refuse to Provide Breath/Blood Sample	41	31	25.1	18.7
Total	3,791	2,809	2,319	1,696.3
_			1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	187	207	113.5	125.0
Resulting in Personal Injury	143	134	86.8	80.9
Resulting in Fatalities	4	8	2.4	4.8
Total	334	349	202.8	210.7
Provincial Rate	554	040	134.0	137.0
		_		
General Hospital Separations Primary Diagnoses	1991-92	1992-93	4004.00	4000.00
Primary Diagnoses				
			1991-92	1992-93
Alcoholic Psychoses	50	34	30.4	20.5
Alcoholic Psychoses Alcohol Dependence Syndrome	50 118	34 112	30.4 71.6	20.5 67.6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	50 118 27	34 112 22	30.4 71.6 16.4	20.5 67.6 13.3
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	50 118 27 87	34 112 22 74	30.4 71.6 16.4 52.8	20.5 67.6 13.3 44.7
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	50 118 27 87 16	34 112 22 74 14	30.4 71.6 16.4 52.8 9.7	20.5 67.6 13.3 44.7 8.5
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total	50 118 27 87	34 112 22 74	30.4 71.6 16.4 52.8 9.7 180.9	20.5 67.6 13.3 44.7 8.5 <b>154.6</b>
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	50 118 27 87 16	34 112 22 74 14	30.4 71.6 16.4 52.8 9.7	20.5 67.6 13.3 44.7 8.5
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses	50 118 27 87 16 298	34 112 22 74 14 256	30.4 71.6 16.4 52.8 9.7 180.9	20.5 67.6 13.3 44.7 8.5 154.6 93.1
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total  Provincial Rate	50 118 27 87 16 298	34 112 22 74 14 256	30.4 71.6 16.4 52.8 9.7 180.9 101.1	20.5 67.6 13.3 44.7 8.5 154.6 93.1
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses	50 118 27 87 16 298	34 112 22 74 14 256	30.4 71.6 16.4 52.8 9.7 180.9 101.1	20.5 67.6 13.3 44.7 8.5 154.6 93.1
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses	50 118 27 87 16 298	34 112 22 74 14 256	30.4 71.6 16.4 52.8 9.7 180.9 101.1	20.5 67.6 13.3 44.7 8.5 <b>154.6</b> <b>93.1</b> 30.8 312.2 59.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	50 118 27 87 16 298	34 112 22 74 14 256 51 517 98 102	30.4 71.6 16.4 52.8 9.7 180.9 101.1 31.0 277.5 66.8 69.2	20.5 67.6 13.3 44.7 8.5 <b>154.6</b> <b>93.1</b> 30.8 312.2 59.2 61.6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	50 118 27 87 16 298 51 457 110 114 4	34 112 22 74 14 256 51 517 98 102 6	30.4 71.6 16.4 52.8 9.7 180.9 101.1 31.0 277.5 66.8 69.2 2.4	20.5 67.6 13.3 44.7 8.5 154.6 93.1 30.8 312.2 59.2 61.6 3.6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total	50 118 27 87 16 298 51 457 110	34 112 22 74 14 256 51 517 98 102	30.4 71.6 16.4 52.8 9.7 180.9 101.1 31.0 277.5 66.8 69.2 2.4 446.9	20.5 67.6 13.3 44.7 8.5 154.6 93.1 30.8 312.2 59.2 61.6 3.6 467.4
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	50 118 27 87 16 298 51 457 110 114 4	34 112 22 74 14 256 51 517 98 102 6	30.4 71.6 16.4 52.8 9.7 180.9 101.1 31.0 277.5 66.8 69.2 2.4	20.5 67.6 13.3 44.7 8.5 154.6 93.1 30.8 312.2 59.2 61.6 3.6
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations	50 118 27 87 16 298 51 457 110 114 4 736	34 112 22 74 14 256 51 517 98 102 6 774	30.4 71.6 16.4 52.8 9.7 180.9 101.1 31.0 277.5 66.8 69.2 2.4 446.9 190.9	20.5 67.6 13.3 44.7 8.5 154.6 93.1 30.8 312.2 59.2 61.6 3.6 467.4 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses	50 118 27 87 16 298 51 457 110 114 4 736	34 112 22 74 14 256 51 517 98 102 6 774	30.4 71.6 16.4 52.8 9.7 180.9 101.1 31.0 277.5 66.8 69.2 2.4 446.9 190.9	20.5 67.6 13.3 44.7 8.5 154.6 93.1 30.8 312.2 59.2 61.6 3.6 467.4 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	50 118 27 87 16 298 51 457 110 114 4 736	34 112 22 74 14 256 51 517 98 102 6 774	30.4 71.6 16.4 52.8 9.7 180.9 101.1 31.0 277.5 66.8 69.2 2.4 446.9 190.9	20.5 67.6 13.3 44.7 8.5 154.6 93.1 30.8 312.2 59.2 61.6 3.6 467.4 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	50 118 27 87 16 298 51 457 110 114 4 736	34 112 22 74 14 256 51 517 98 102 6 774	30.4 71.6 16.4 52.8 9.7 180.9 101.1 31.0 277.5 66.8 69.2 2.4 446.9 190.9	20.5 67.6 13.3 44.7 8.5 154.6 93.1 30.8 312.2 59.2 61.6 3.6 467.4 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	50 118 27 87 16 298 51 457 110 114 4 736	34 112 22 74 14 256 51 517 98 102 6 774	30.4 71.6 16.4 52.8 9.7 180.9 101.1 31.0 277.5 66.8 69.2 2.4 446.9 190.9	20.5 67.6 13.3 44.7 8.5 154.6 93.1 30.8 312.2 59.2 61.6 3.6 467.4 189.2
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	50 118 27 87 16 298 51 457 110 114 4 736	34 112 22 74 14 256 51 517 98 102 6 774	30.4 71.6 16.4 52.8 9.7 180.9 101.1 31.0 277.5 66.8 69.2 2.4 446.9 190.9	20.5 67.6 13.3 44.7 8.5 154.6 93.1 30.8 312.2 59.2 61.6 3.6 467.4 189.2

# THUNDER BAY

# ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	r T	Rates per 1	000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	2	1	1.2	0.6
Alcohol Dependence Syndrome	5	5	3.0	3.0
Chronic Liver Disease and Cirrhosis	23	19	14.0	11.5
Total		25	18.2	15.1
Provincial Rate			10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	233	244	141.5	147.2
Heroin	1	-	0.9	-
Cocaine	59	83	35.7	50.3
Other Drugs	17	18	10.3	10.8
Controlled Drugs	8	25	4.9	14.9
Restricted Drugs	23	23	13.8	14.0
Total	341	393	207.0	237.3
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	5	7	3.0	4.2
Drug Dependence	16	16	9.7	9.7
Nondependent Abuse of Drugs	4	7	2.4	4.2
Poisoning by Analgesics, Antipyretics	73	75	44.3	45.3
Poisoning by Sedatives and Hypnotics	8	7	4.9	4.2
Poisoning by Psychotropic Agents	81	77	49.2	46.5
Total	187	189	113.5	114.1
Provincial Rate	9		67.0	63.6
Secondary Diagnoses				
Drug Psychoses	4	9	2.4	5.4
Drug Dependence	37	55	22.5	33.2
Nondependent Abuse of Drugs	56	72	34.0	43.5
Poisoning by Analgesics, Antipyretics	36	47	21.9	28.4
Poisoning by Sedatives and Hypnotics	7	4	4.3	2.4
Poisoning by Psychotropic Agents	40	42	24.3	25.4
Total		229	109.3	138.3
Provincial Rate	•	L	75.2	81.0
Mental Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	4002.02
Drug Psychoses	1991-92	1992-93	2.4	<b>1992-93</b>
Drug Dependence	27	23	16.4	13.9
Nondependent Abuse of Drugs	2	2 2	1.2	1.2
Total		26	20.0	15.7
Provincial Rate		20	2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	4	1 1	2.4	0.6
Suicide	1	2	0.6	1.2
Saloido			0.0	1.4

Undetermined

Total

**Provincial Rate** 

3.0

3.1

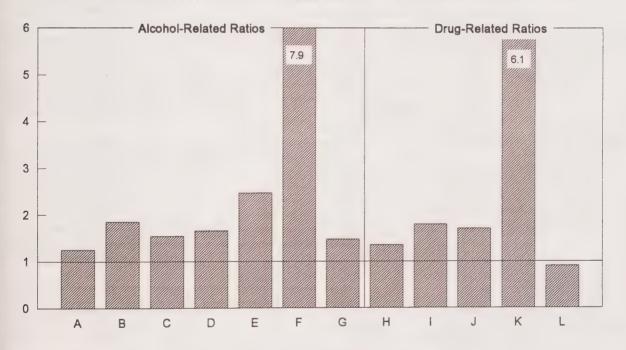
1.2 3.0

#### THUNDER BAY

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992	
	(in thousands)							
0- 9	23.1	23.2	23.2	23.1	23.0	23.1	23.0	
10-14	11.7	11.3	11.3	11.4	11.5	11.6	11.7	
15-19	12.7	12.6	12.5	12.2	12.0	11.8	11.5	
20-29	30.4	29.8	29.1	28.4	27.7	27.1	26.6	
30-39	26.3	26.7	27.5	28.0	28.5	29.3	29.6	
40-49	16.9	17.8	18.6	19.3	20.2	21.0	22.1	
50-59	15.4	15.1	14.8	14.7	14.6	14.6	14.6	
60-64	7.6	7.5	7.5	7.4	7.3	7.1	7.0	
65-74	10.6	10.8	11.1	11.3	11.5	11.7	11.9	
75+	6.1	6.3	6.5	6.8	7.1	7.4	7.6	
Total population	160.5	161.0	162.1	162.6	163.5	164.7	165.6	
Aged 15 and over	126.0	126.6	127.6	128.1	128.9	130.0	130.9	
Aged 20 and over	113.3	114.0	115.1	115.9	116.9	118.2	119.4	

# RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



# **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

# **TIMISKAMING**

# ALCOHOL-RELATED OCCURRENCES

onsumption of Absolute Alcohol		1990-91		1990-
	Numbe		Litres per per	
Litres		292,748		9
		(0.000)	Rates per 100	<del></del>
Estimated Low Risk Consumers		18,900		59,621
Estimated Moderate Risk Consumers		4,500		14,195
Estimated High Risk Consumers		2,000		6,309
egal Offences	1990	1993	1990	19
Liquor Act	870	645	2,142.9	1,588
Impaired Operation Causing Death	-	-	2,142.0	1,000
Impaired Operation Causing Bodily Harm	1	3	2.5	
Impaired Operation Over 80 mg%	159	137	391.6	33
Fail/Refuse to Provide Breath/Blood Sample	14	12	34.5	2
Total		797	2,571	1,96
Total	U.Charl	101	1,383.1	91
		-		
rivers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	15	38	37.2	9
Resulting in Personal Injury	23	23	57.1	5
Resulting in Fatalities	3	4	7.4	
Total	41	65	101.7	16
Provincial Rate	9		134.0	13
eneral Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	4000
Alcoholic Psychoses	1991-92	14	22.3	<b>1992</b> -
Alcohol Dependence Syndrome	30	31	74.4	7
Nondependent Abuse of Alcohol	10	17	24.8	4
Chronic Liver Disease and Cirrhosis	18	14	44.7	3
Toxic Effects of Alcohol	5	1	12.4	
Total		77	178.7	18
Provincial Rate			101.1	9
110411101011101011101011		-	101.11	
Secondary Diagnoses				
Secondary Diagnoses Alcoholic Psychoses	7	6	17.4	1
Alcoholic Psychoses	7	6 70	17.4	
Alcoholic Psychoses Alcohol Dependence Syndrome	49	70	121.6	17
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	49	70 6	121.6 27.3	17 1
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	49 11 27	70 6 18	121.6	17 1 4
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	49 11 27	70 6 18 2	121.6 27.3 67.0	17 1 4
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	49 11 27 - 94	70 6 18	121.6 27.3	17 1 4
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total	49 11 27 - 94	70 6 18 2	121.6 27.3 67.0 - 233.3	17 1 4
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	49 11 27 - 94	70 6 18 2	121.6 27.3 67.0 - 233.3	17 1 4 25 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate	49 11 27 - 94	70 6 18 2 102	121.6 27.3 67.0 - 233.3 190.9	1. 17 1. 4 25 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  ental Hospital Separations Primary Diagnoses	49 11 27 - 94	70 6 18 2 102	121.6 27.3 67.0 - 233.3 190.9	17 1 4 25 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  ental Hospital Separations Primary Diagnoses Alcoholic Psychoses	49 11 27 - 94 1991-92	70 6 18 2 102	121.6 27.3 67.0 - 233.3 190.9	17 1 4 25 18
Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  ental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	49 11 27 - 94 94 1991-92 2 5	70 6 18 2 102	121.6 27.3 67.0 - 233.3 190.9	17 1 4 25 18

## **TIMISKAMING**

#### ALCOHOL-RELATED OCCURRENCES

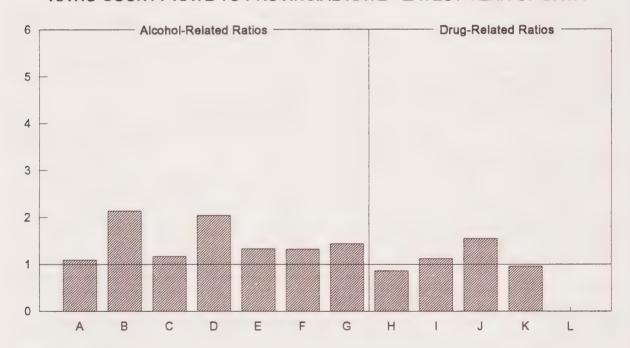
	Numbe	er e	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-			-
Alcohol Dependence Syndrome	3	1	7.4	2.5
Chronic Liver Disease and Cirrhosis	7	5	17.4	12.3
Total		6	24.8	14.8
Provincial Rate			10.7	10.3
RUG-RELATED OCCURRENCES		_		
Legal Offences	1991	1992	1991	1992
Marijuana	95	45	235.3	109.7
Heroin	_	-	-	
Cocaine	35	9	86.3	21.1
Other Drugs	3	1	7.4	3.1
Controlled Drugs	-	-	-	-
Restricted Drugs	_	7		16.8
Total	133	61	329.1	150.8
Provincial Rate		- 01	200.9	175.3
General Hospital Separations		-		
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	- 1001-02	1	1331-32	2.5
Drug Dependence	4	2	9.9	4.9
Nondependent Abuse of Drugs	-	2	5.5	4.9
Poisoning by Analgesics, Antipyretics	15	11	37.2	27.1
	6			
Poisoning by Sedatives and Hypnotics	10	5	14.9	12.3
Poisoning by Psychotropic Agents		8	24.8	19.7
Total Provincial Rate		29	86.8 67.0	71.4 63.6
		_		
Secondary Diagnoses				
Drug Psychoses	1	1	2.5	2.5
Drug Dependence	11	14	27.3	34.5
Nondependent Abuse of Drugs	21	28	52.1	69.0
Poisoning by Analgesics, Antipyretics	12	3	29.8	7.4
Poisoning by Sedatives and Hypnotics	-	1	-	2.5
Poisoning by Psychotropic Agents	7	4	17.4	9.9
Total	52	51	129.0	125.6
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-		-	-
Drug Dependence	1	1	2.5	2.5
Nondependent Abuse of Drugs	-	-	-	-
Total	1	1	2.5	2.5
Provincial Rate			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	-		-	-
Suicide	-	-	-	-
Undetermined	-	-	-	-
Total			-	-
Provincial Rate			3.1	3.4

#### **TIMISKAMING**

## **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	housands)			
0- 9	6.0	6.0	6.0	5.9	5.8	5.7	5.6
10-14	3.2	3.2	3.2	3.2	3.1	3.1	3.1
15-19	3.4	3.3	3.2	3.2	3.1	3.1	3.2
20-29	6.7	6.5	6.4	6.2	5.8	5.4	5.4
30-39	5.9	6.0	6.1	6.3	6.1	6.3	6.4
40-49	4.5	4.6	4.8	4.9	5.1	5.2	5.4
50-59	4.2	4.1	4.2	4.1	4.2	4.2	4.2
60-64	2.0	2.0	1.9	1.9	1.9	1.8	1.9
65-74	3.3	3.3	3.3	3.3	3.2	3.2	3.2
75+	2.1	2.2	2.2	2.3	2.3	2.4	2.3
Total population	41.5	41.1	41.3	41.3	40.6	40.3	40.6
Aged 15 and over	32.1	32.0	32.1	32.2	31.7	31.6	32.0
Aged 20 and over	28.7	28.7	28.9	29.0	28.6	28.5	28.8

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## TORONTO (METROPOLITAN)

## **ALCOHOL-RELATED OCCURRENCES**

		1990-91		1990-91
1 thurs	Numbe		Litres per pe	
Litres		16,236,789	Rates per 100	8.2
Estimated Low Risk Consumers		1,081,700	Rates per 100	54,348.6
Estimated Moderate Risk Consumers		247,300		12,425.3
Estimated High Risk Consumers		109,300		5,491.6
			-	
Legal Offences	1990	1993	1990	1993
Liquor Act	15,354	6,044	645.1	257.8
Impaired Operation Causing Death	3	4	0.1	0.2
Impaired Operation Causing Bodily Harm	110	30	4.6	1.3
Impaired Operation Over 80 mg%	4,271	3,444	179.5	146.9
Fail/Refuse to Provide Breath/Blood Sample	575	87	24.2	3.7
Total	20,313	9,609	853	409.8
			1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	1,413	1,524	59.8	65.0
Resulting in Personal Injury	1,063	962	45.0	41.0
Resulting in Fatalities	27	27	1.1	1.1
Total	2,502	2,513	105.9	107.2
Provincial Rate			134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	373	420	15.8	17.9
Alcohol Dependence Syndrome	645	585	27.3	24.9
Nondependent Abuse of Alcohol	105	110	4.4	4.7
Chronic Liver Disease and Cirrhosis	831	810	35.2	34.5
Toxic Effects of Alcohol	46	45	1.9	1.9
Total	2,000	1,970	84.7	84.0
Provincial Rate			101.1	93.1
Secondary Diagnoses				
Alcoholic Psychoses	312	317	13.2	13.5
Alcoholic Psychoses				00.4
Alcohol Dependence Syndrome	2,047	2,167	86.7	92.4
	2,047 334	2,167 320		13.6
Alcohol Dependence Syndrome		320 1,319	14.1 63.2	
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	334	320 1,319 26	14.1 63.2 0.6	13.6 56.2 1.1
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Total	334 1,492	320 1,319	14.1 63.2 0.6 177.8	13.6 56.2 1.1 176.9
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	334 1,492 14	320 1,319 26	14.1 63.2 0.6	13.6 56.2 1.1
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations	334 1,492 14 4,199	320 1,319 26 <b>4,149</b>	14.1 63.2 0.6 177.8 190.9	13.6 56.2 1.1 176.9 189.2
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses	334 1,492 14 4,199	320 1,319 26 4,149	14.1 63.2 0.6 177.8 190.9	13.6 56.2 1.1 176.9 189.2
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	334 1,492 14 4,199	320 1,319 26 4,149	14.1 63.2 0.6 177.8 190.9	13.6 56.2 1.1 176.9 189.2 1992-93 0.3
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	334 1,492 14 4,199 1991-92 12 41	320 1,319 26 4,149	14.1 63.2 0.6 177.8 190.9	13.6 56.2 1.1 176.9 189.2 1992-93 0.3 1.5
Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Total Provincial Rate  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	334 1,492 14 4,199	320 1,319 26 4,149	14.1 63.2 0.6 177.8 190.9	13.6 56.2 1.1 176.9 189.2

## **TORONTO (METROPOLITAN)**

#### ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

				00.000
B. 6 A - 126	Number 1991	1992	Rates per 1	1992
Mortality Alaskal Bayahasaa	7	6	0.3	0.3
Alcohol Psychoses Alcohol Dependence Syndrome	61	74	2.6	3.2
Chronic Liver Disease and Cirrhosis	227	220	9.6	9.4
Total	295	300	12.5	12.8
Provincial Rate		300	10.7	10.3
RUG-RELATED OCCURRENCES		_		
Legal Offences	1991	1992	1991	1992
Marijuana	2,906	1,382	123.0	58.9
Heroin	553	389	23.4	16.6
Cocaine	6,499	3,899	275.1	166.3
Other Drugs	587	401	24.8	17.1
Controlled Drugs	50	83	2.1	3.5
Restricted Drugs	59	40	2.5	1.7
Total	10,654	6,193	451.0	264.1
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	55	66	2.3	2.8
Drug Dependence	283	238	12.0	10.1
Nondependent Abuse of Drugs	133	112	5.6	4.8
Poisoning by Analgesics, Antipyretics	432	413	18.3	17.6
Poisoning by Sedatives and Hypnotics	93	83	3.9	3.5
Poisoning by Psychotropic Agents	405	448	17.1	19.1
Total	1,401	1,360	59.3	58.0
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	75	82	3.2	3.5
Drug Dependence	308	296	13.0	12.6
Nondependent Abuse of Drugs	677	597	28.7	25.5
Poisoning by Analgesics, Antipyretics	270	258	11.4	11.0
Poisoning by Sedatives and Hypnotics	85	67	3.6	2.9
Poisoning by Psychotropic Agents	331	414	14.0	17.7
Total	1,746	1,714	73.9	73.1
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	7	6	0.3	0.3
Drug Dependence	7	7	0.3	0.3
Nondependent Abuse of Drugs	11	12	0.5	0.5
Total	25	25	1.1	1.1
Provincial Rate			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	60	56	2.5	2.4
Suicide	47	40	2.0	1.7
Undetermined	2	6	0.1	0.3
	400	400	4.0	4.2

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Total

**Provincial Rate** 

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4.6

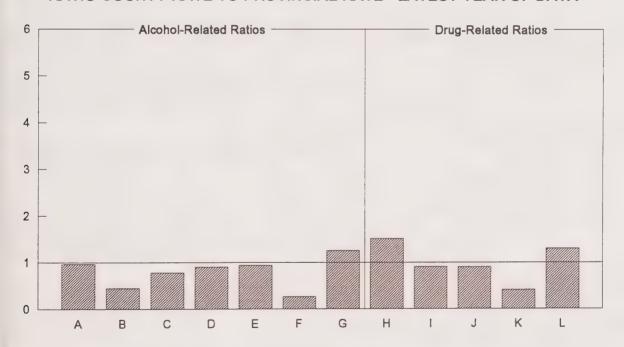
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## **TORONTO (METROPOLITAN)**

#### ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(	in thousands)			
0- 9	255.5	261.0	261.3	266.0	269.7	268.1	272.7
10-14	125.2	124.5	122.6	121.7	120.1	119.8	121.8
15-19	161.6	157.1	152.7	149.5	144.2	137.3	131.1
20-29	500.6	503.9	495.4	500.5	488.9	466.1	445.4
0-39	384.6	394.6	400.5	414.3	420.7	421.6	416.9
0-49	266.8	276.1	282.2	290.7	297.9	306.3	308.8
0-59	250.3	247.7	243.3	239.8	235.8	233.5	231.9
60-64	116.0	117.5	116.9	115.4	114.7	114.2	113.4
55-74	153.7	159.5	163.7	167.5	170.9	176.3	180.8
75+	103.2	107.5	110.3	114.1	117.2	119.3	122.2
otal population	2,317.6	2,349.5	2,348.9	2,379.4	2,380.0	2,362.3	2,344.9
Aged 15 and over	1,936.8	1,963.9	1,965.0	1,991.8	1,990.3	1,974.6	1,950.5
Aged 20 and over	1,775.2	1,806.8	1,812.3	1,842.3	1,846.1	1,837.3	1,819.4

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences.- Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## VICTORIA

## ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol		1990-91		1990-
	Numbe		Litres per per	
Litres		518,095		10
			Rates per 100	
Estimated Low Risk Consumers		28,700		57,057
Estimated Moderate Risk Consumers		8,100		16,103
Estimated High Risk Consumers		3,600		7,157
egal Offences	1990	1993	1990	19
Liquor Act	1,079	608	1,685.9	903
Impaired Operation Causing Death	-	-	-	
Impaired Operation Causing Bodily Harm	1	1	1.6	
Impaired Operation Over 80 mg%	233	180	364.1	26
Fail/Refuse to Provide Breath/Blood Sample	18	13	28.1	1
Tota	1,331	802	2,080	1,19
			1,383.1	91
rivers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	48	68	73.4	10
Resulting in Personal Injury	68	64	104.0	9
Resulting in Fatalities	8	9	12.2	1
Tota		141	189.6	20
Provincial Ra			134.0	13
		-		
eneral Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-
Alcoholic Psychoses	9	16	13.8	2
Alcohol Dependence Syndrome	13	14	19.9	2
Nondependent Abuse of Alcohol	7	14	10.7	
Chronic Liver Disease and Cirrhosis				
	23	39	35.2	5
Toxic Effects of Alcohol	53	72	1.5	40
Tota	33	12	81.0	10
Decuing in LDc	to		404.4	
Provincial Ra	te		101.1	9
Secondary Diagnoses	te 8	14		
Secondary Diagnoses Alcoholic Psychoses	8	14 83	12.2	2
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	8 63	83	12.2 96.3	2 12
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	8 63 8	83 13	12.2 96.3 12.2	2 12 1
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	8 63	83 13 57	12.2 96.3	2 12 1 8
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol	8 63 8 38	83 13 57 1	12.2 96.3 12.2 58.1	2 12 1 8
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	8 63 8 38	83 13 57	12.2 96.3 12.2	2 12 1 8
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra	8 63 8 38	83 13 57 1	12.2 96.3 12.2 58.1	2 12 1 8
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra	8 63 8 38	83 13 57 1 168	12.2 96.3 12.2 58.1 - 178.9 190.9	2 12 1 8 24
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  lental Hospital Separations Primary Diagnoses	8 63 8 38 -	83 13 57 1	12.2 96.3 12.2 58.1	2 12 1 8 24 18
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  lental Hospital Separations Primary Diagnoses Alcoholic Psychoses	8 63 8 38 1 117 te	83 13 57 1 168	12.2 96.3 12.2 58.1 - 178.9 190.9	2 12 1 8 24
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  lental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	8 63 8 38 11 117 tte	83 13 57 1 168	12.2 96.3 12.2 58.1 - 178.9 190.9	2 12 1 8 24 18
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Tota Provincial Ra  lental Hospital Separations Primary Diagnoses Alcoholic Psychoses	8 63 8 38 - 11 117 te	83 13 57 1 168	12.2 96.3 12.2 58.1 - 178.9 190.9	2 12 1 8 24

## **VICTORIA**

#### **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

Г	Numbe	er	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	-
Alcohol Dependence Syndrome	1	1	1.5	1.5
Chronic Liver Disease and Cirrhosis	6	10	9.2	14.9
Total	7	11	10.7	16.3
Provincial Rate			10.7	10.3
RUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	97	106	148.6	158.1
Heroin		1	- 110.0	2.2
Cocaine	15	5	23.3	7.3
Other Drugs	3	5	4.6	7.6
Controlled Drugs	-	17	1.0	24.5
Restricted Drugs	5	4	7.3	6.1
Total	120	139	183.8	205.8
Provincial Rate	120	100	200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	3	-	4.5
Drug Dependence	2	5	3.1	7.4
Nondependent Abuse of Drugs	1	-	1.5	_
Poisoning by Analgesics, Antipyretics	12	13	18.3	19.3
Poisoning by Sedatives and Hypnotics	4	2	6.1	3.0
Poisoning by Psychotropic Agents	19	13	29.1	19.3
Total	38	36	58.1	53.5
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	1	5	1.5	7.4
Drug Dependence	8	6	12.2	8.9
Nondependent Abuse of Drugs	38	239	58.1	355.1
Poisoning by Analgesics, Antipyretics	12	14	18.3	20.8
	1	2	1.5	3.0
Poisoning by Sedatives and Hypnotics	7	6	10.7	8.9
Poisoning by Psychotropic Agents  Total	67	272	102.4	404.2
Provincial Rate	07	212	75.2	81.0
110111111111111111111111111111111111111		-		
Mental Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	-	-	-
Drug Dependence	-	-	-	-
Nondependent Abuse of Drugs	-	1	-	1.5
Total		1		1.5
Provincial Rate			2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	1	1	1.5	1.5
Suicide	2	2	3.1	3.0
Undetermined	-	-	-	**
Total	3	3	4.6	4.5
			3.1	3.4

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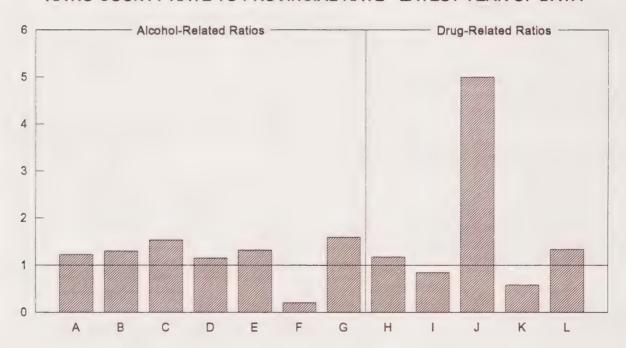
**Provincial Rate** 

#### **VICTORIA**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
_			(in t	housands)			
0- 9	7.6	8.0	8.5	8.8	9.2	9.4	9.4
10-14	3.7	3.9	4.0	4.2	4.4	4.5	4.6
15-19	3.7	3.7	3.8	3.9	4.0	4.1	4.3
20-29	7.5	7.9	8.2	8.3	8.3	8.1	8.0
30-39	7.8	8.3	8.7	9.4	10.0	10.3	10.6
40-49	5.6	6.2	6.7	7.2	7.7	8.2	8.7
50-59	5.4	5.6	5.6	5.9	6.0	6.0	6.2
60-64	3.3	3.4	3.4	3.5	3.6	3.8	3.9
65-74	5.8	6.0	6.2	6.4	6.7	6.8	7.1
75+	3.4	3.5	3.7	3.8	4.0	4.2	4.4
Total population	54.0	56.3	58.8	61.4	64.0	65.4	67.3
Aged 15 and over	42.5	44.6	46.3	48.4	50.3	51.5	53.2
Aged 20 and over	38.8	40.9	42.5	44.5	46.3	47.4	48.9

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

## DRUG RATIOS:

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## **WATERLOO**

#### **ALCOHOL-RELATED OCCURRENCES**

Consumption of Absolute Alcohol		1990-91		1990-91
	Numbe		Litres per per	
Litres		2,551,919	Entres per per	8.5
			Rates per 100	
Estimated Low Risk Consumers		181,200		60,059.7
Estimated Moderate Risk Consumers		38,500		12,761.0
Estimated High Risk Consumers		16,900		5,601.6
Local Office	1000			
Legal Offences	1990	1993	1990	1993
Liquor Act	2,422	1,751	627.6	439.3
Impaired Operation Causing Death	2	1	0.5	0.3
Impaired Operation Causing Bodily Harm Impaired Operation Over 80 mg%	26	10	6.7	2.5
Fail/Refuse to Provide Breath/Blood Sample	1,273	1,137	329.9	285.2
Total	124	105	32.1	26.3
Total	3,847	3,004	997	753.6
		L.	1,383.1	919.1
Drivers in Alcohol-Related Traffic Crashes	1991	1992	1991	1992
Resulting in Property Damage	271	290	69.1	72.8
Resulting in Personal Injury	230	219	58.6	54.9
Resulting in Fatalities	5	6	1.3	1.5
Total	506	515	129.0	129.2
Provincial Rate	_		134.0	137.0
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Alcoholic Psychoses	47	41	12.0	10.3
Alcohol Dependence Syndrome	133	96	33.9	24.1
Nondependent Abuse of Alcohol	37	31	9.4	7.8
Chronic Liver Disease and Cirrhosis	83	76	21.2	19.1
Toxic Effects of Alcohol	18	19	4.6	4.8
Total	318	263	81.1	66.0
Provincial Rate			101.1	93.1
Secondary Diagnoses				
Alcoholic Psychoses	29	34	7.4	8.5
Alcohol Dependence Syndrome	302	306	77.0	76.8
Nondependent Abuse of Alcohol	35	53	8.9	13.3
Chronic Liver Disease and Cirrhosis	124	201	31.6	50.4
		22	1.3	5.5
Toxic Effects of Alcohol	5	44		
Toxic Effects of Alcohol	495	616	126.2	154.5
Total Provincial Rate			126.2	154.5
Total Provincial Rate  Mental Hospital Separations	495		126.2	154.5
Total Provincial Rate  Mental Hospital Separations Primary Diagnoses		1992-93	126.2 190.9	154.5 189.2
Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	1991-92	1992-93	126.2 190.9	154.5 189.2
Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92	1992-93 - 7	126.2 190.9	154.5 189.2 1992-93
Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	1991-92 - 6	1992-93 - 7	126.2 190.9 1991-92	154.5 189.2 1992-93
Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1991-92 - 6 2	1992-93 - 7	126.2 190.9 1991-92 - 1.5 0.5	154.5 189.2 1992-93 - 1.8

## **WATERLOO**

## ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

	Numbe	r	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	1	1	0.3	0.3
Alcohol Dependence Syndrome	2	5	0.5	1.3
Chronic Liver Disease and Cirrhosis	30	29	7.6	7.3
Total		35	8.4	8.8
Provincial Rat			10.7	10.3
DRUG-RELATED OCCURRENCES				
				1000
Legal Offences	1991	1992	1991	1992
Marijuana	273	442	69.6	110.8
Heroin	-	3	-	0.7
Cocaine	49	178	12.5	44.6
Other Drugs	8	15	2.0	3.8
Controlled Drugs	2	8	0.5	2.1
Restricted Drugs	17	22	4.3	5.5
Total		668	88.9	167.5
Provincial Rat	e		200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	11	9	2.8	2.3
Drug Dependence	15	27	3.8	6.8
Nondependent Abuse of Drugs	18	14	4.6	3.5
Poisoning by Analgesics, Antipyretics	110	95	28.0	23.8
Poisoning by Sedatives and Hypnotics	26	22	6.6	5.5
Poisoning by Psychotropic Agents	103	100	26.3	25.1
Total		267	72.2	67.0
Provincial Rat	e	L	67.0	63.6
Secondary Diagnoses				
Drug Psychoses	12	6	3.1	1.5
Drug Dependence	43	28	11.0	7.0
Nondependent Abuse of Drugs	45	53	11.5	13.3
Poisoning by Analgesics, Antipyretics	46	29	11.7	7.3
Poisoning by Sedatives and Hypnotics	8	9	2.0	2.3
Poisoning by Psychotropic Agents	49	41	12.5	10.3
Total		166	51.8	41.6
Provincial Rat	e		75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	1	-	0.3
Drug Dependence	5	4	1.3	1.0
Nondependent Abuse of Drugs	1	6	0.3	1.5
Total		11	1.5	2.8
Provincial Rat	e		2.1	2.6
Mortality:				
From Drugs. Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	3	6	0.8	1.5
Suicide	-	3	-	0.8
Undetermined	-	2	-	0.5
		44	0.6	0.0

3

Total

**Provincial Rate** 

2.8

0.8

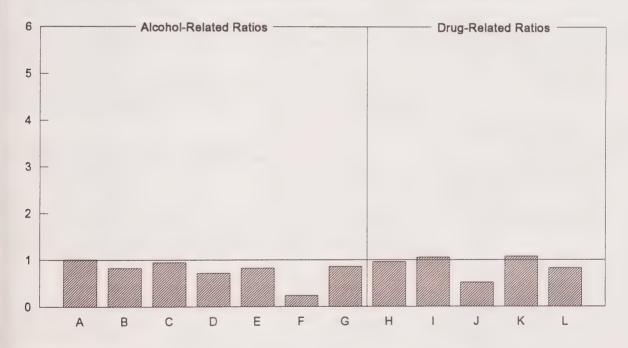
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#### **WATERLOO**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
				housands)			
0- 9	49.8	51.3	53.2	55.3	57.3	58.5	59.5
10-14	24.9	25.0	25.5	26.2	26.7	27.1	27.6
15-19	27.3	27.5	28.0	28.3	28.3	27.9	27.7
20-29	67.1	68.8	70.1	72.2	73.3	72.2	70.7
30-39	56.5	58.5	60.4	63.5	66.4	68.4	70.6
40-49	38.5	41.1	43.7	46.5	49.0	51.3	53.5
50-59	30.8	31.0	31.1	31.6	32.1	32.7	33.5
60-64	14.1	14.3	14.7	14.8	14.8	14.8	14.9
65-74	19.4	20.2	20.8	21.7	22.5	23.3	24.2
75+	13.0	13.5	14.0	14.7	15.3	15.8	16.3
Total population	341.5	351.3	361.6	374.8	385.9	392.2	398.6
Aged 15 and over	266.7	274.9	282.8	293.3	301.7	306.4	311.4
Aged 20 and over	239.4	247.4	254.8	265.0	273.4	278.5	283.7

#### RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



## **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

Ontario average for each variable = 1

For a full explanation of the graph see page 141.

## WELLINGTON

#### ALCOHOL-RELATED OCCURRENCES

Consumption of Absolute Alcohol		1990-91		1990-9
	Numb		Litres per per	
Litres		999,521		7.
E		70.700]	Rates per 100	
Estimated Low Risk Consumers		78,700		62,017
Estimated Moderate Risk Consumers		14,700		11,583
Estimated High Risk Consumers		6,400		5,043
egal Offences	1990	1993	1990	199
Liquor Act	1,741	1,311	1,070.7	780
Impaired Operation Causing Death	-		-	
Impaired Operation Causing Bodily Harm	3	4	1.8	2
Impaired Operation Over 80 mg%	494	391	303.8	232
Fail/Refuse to Provide Breath/Blood Samp		22	11.7	1:
	Total 2,257	1,728	1,388	1,02
		L	1,383.1	91
Privers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	104	146	62.8	8
Resulting in Personal Injury	121	117	73.1	6
Resulting in Fatalities	12	6	7.2	
	Total 237	269	143.1 134.0	16 13
Provinci	al Date			
		_	104.0	10
General Hospital Separations		1002 03		
General Hospital Separations Primary Diagnoses	1991-92	1992-93	1991-92	1992-
General Hospital Separations Primary Diagnoses Alcoholic Psychoses	<b>1991-92</b>	12	<b>1991-92</b> 7.9	1992-
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	<b>1991-92</b> 13 37	12 27	1991-92 7.9 22.3	1992-
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1991-92 13 37 17	12 27 9	1991-92 7.9 22.3 10.3	1992-
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92 13 37 17 58	12 27 9 41	7.9 22.3 10.3 35.0	1992-
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	1991-92 13 37 17 58	12 27 9 41 4	7.9 22.3 10.3 35.0 6.6	1992-
General Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	1991-92 13 37 17 58 11 Total	12 27 9 41	7.9 22.3 10.3 35.0	1992- 11 24
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses	1991-92 13 37 17 58 11 Total 136	12 27 9 41 4 93	1991-92 7.9 22.3 10.3 35.0 6.6 82.1	1992- 11 24 55 9
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses	1991-92 13 37 17 58 11 Total 136 al Rate	12 27 9 41 4 93	1991-92 7.9 22.3 10.3 35.0 6.6 82.1 101.1	1992- 1 2 5 9
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92 13 37 17 58 11 Total 136 al Rate	12 27 9 41 4 93	1991-92 7.9 22.3 10.3 35.0 6.6 82.1 101.1	1992- 11 24 55 9
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1991-92 13 37 17 58 11 Total 136 al Rate	12 27 9 41 4 93	1991-92 7.9 22.3 10.3 35.0 6.6 82.1 101.1	1992- 11 2- 55 9.
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	1991-92 13 37 17 58 11 Total 136 al Rate  19 111 29 93	12 27 9 41 4 93	1991-92 7.9 22.3 10.3 35.0 6.6 82.1 101.1 11.5 67.0 17.5 56.2	1992- 11 24 55 93
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol	1991-92 13 37 17 58 11 Total 136 al Rate  19 111 29 93 3	12 27 9 41 4 93	1991-92 7.9 22.3 10.3 35.0 6.6 82.1 101.1 11.5 67.0 17.5 56.2 1.8	1992- 10 24 55 93
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis	1991-92 13 37 17 58 11 Total 136 al Rate  19 111 29 93 3 Total 255	12 27 9 41 4 93	1991-92 7.9 22.3 10.3 35.0 6.6 82.1 101.1 11.5 67.0 17.5 56.2	1992- 10 24 55 93 11 44 11 33
Seneral Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Provinci  Mental Hospital Separations	1991-92 13 37 17 58 11 Total 136 11 136 11 29 93 3 Total 255 al Rate	12 27 9 41 4 93 19 72 29 63 4 187	1991-92 7.9 22.3 10.3 35.0 6.6 82.1 101.1 11.5 67.0 17.5 56.2 1.8 154.0 190.9	1992- 10 20 55 93 11 44 17 33 11 18
Primary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol Provinci  Provinci  Mental Hospital Separations Primary Diagnoses	1991-92   13   37   17   58   11   136   al Rate   19   111   29   93   3   Total   255   al Rate	12 27 9 41 4 93 19 72 29 63 4 187	1991-92 7.9 22.3 10.3 35.0 6.6 82.1 101.1 11.5 67.0 17.5 56.2 1.8 154.0 190.9	1992-1 10 24 55 93 11 42 13 37 111 189
Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	1991-92 13 37 17 58 11 Total 136 11 136 11 29 93 3 Total 255 al Rate	12 27 9 41 4 93 19 72 29 63 4 187	1991-92 7.9 22.3 10.3 35.0 6.6 82.1 101.1 11.5 67.0 17.5 56.2 1.8 154.0 190.9	1992-1 10 24 55 93 11 42 11 189
Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome	1991-92 13 37 17 58 11 Total 136 al Rate  19 111 29 93 3 Total 255 al Rate	12 27 9 41 4 93 19 72 29 63 4 187	1991-92 7.9 22.3 10.3 35.0 6.6 82.1 101.1  11.5 67.0 17.5 56.2 1.8 154.0 190.9	1992-1 10 24 55 93 11 42 11 189
Primary Diagnoses Alcoholic Psychoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome Nondependent Abuse of Alcohol Chronic Liver Disease and Cirrhosis Toxic Effects of Alcohol  Provinci  Mental Hospital Separations Primary Diagnoses Alcoholic Psychoses	1991-92   13   37   17   58   11   136   al Rate   19   111   29   93   3   Total   255   al Rate	12 27 9 41 4 93 19 72 29 63 4 187	1991-92 7.9 22.3 10.3 35.0 6.6 82.1 101.1 11.5 67.0 17.5 56.2 1.8 154.0 190.9	1992-1 16 24 55 93 11 42 17 37 114 189

## WELLINGTON

#### **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

1	Numbe	er	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	-	-	-	-
Alcohol Dependence Syndrome	1	2	0.6	1.2
Chronic Liver Disease and Cirrhosis	16	14	9.7	8.3
Total	17	16	10.3	9.5
Provincial Rate			10.7	10.3
RUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	107	158	64.3	94.3
Heroin	-	1	-	0.9
Cocaine	18	5	11.2	2.9
Other Drugs	6	1	3.6	0.8
Controlled Drugs	-	8	-	4.9
Restricted Drugs	2	5	1.4	3.3
Total	133	180	80.6	107.0
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	2	4	1.2	2.4
Drug Dependence	4	5	2.4	3.0
Nondependent Abuse of Drugs	2	1	1.2	0.6
Poisoning by Analgesics, Antipyretics	61	51	36.8	30.4
Poisoning by Sedatives and Hypnotics	9	6	5.4	3.6
Poisoning by Psychotropic Agents	65	59	39.3	35.1
Total	143	126	86.4	75.0
Provincial Rate			67.0	63.6
Secondary Diagnoses				
Drug Psychoses	3	2	1.8	1.2
Drug Dependence	14	23	8.5	13.7
Nondependent Abuse of Drugs	21	8	12.7	4.8
Poisoning by Analgesics, Antipyretics	13	14	7.9	8.3
Poisoning by Sedatives and Hypnotics	1	-	0.6	-
Poisoning by Psychotropic Agents	10	7	6.0	4.2
Total	62	54	37.4	32.1
Provincial Rate			75.2	81.0
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	-	-	-	-
Drug Dependence	-	-	-	-
Nondependent Abuse of Drugs	2		1.2	_
Total	2		1.2	
Provincial Rate	-		2.1	2.6
Mortality: From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Assidental Deisening	1	3	0.6	1.8

1.8

3.0

0.6

5.4

3.4

0.6

1.8

2.4

3.1

5

1

9

Accidental Poisoning

Suicide

Undetermined

Total

**Provincial Rate** 

3

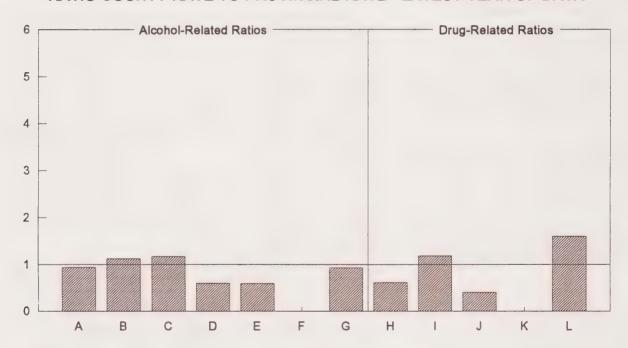
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#### WELLINGTON

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
_			(iı	n thousands)			
0- 9	21.5	22.4	23.3	24.1	24.7	25.1	25.3
10-14	10.5	10.4	10.7	10.8	11.0	11.2	11.5
15-19	11.0	11.3	11.4	11.5	11.5	11.4	11.2
20-29	27.1	27.5	28.0	28.6	28.9	28.8	28.0
30-39	23.2	24.1	25.3	26.5	27.7	28.7	29.5
40-49	15.9	16.9	18.1	19.3	20.4	21.4	22.4
50-59	13.3	13.5	13.5	13.8	13.9	14.1	14.4
60-64	6.2	6.2	6.4	6.5	6.6	6.7	6.8
65-74	9.0	9.4	9.7	10.0	10.3	10.7	11.0
75+	6.6	6.8	7.1	7.3	7.6	7.7	7.9
Total population	144.3	148.5	153.4	158.2	162.6	165.6	168.0
Aged 15 and over	112.3	115.7	119.5	123.5	126.9	129.5	131.2
Aged 20 and over	101.3	104.4	108.1	112.0	115.4	118.1	120.0

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## YORK

#### ALCOHOL-RELATED OCCURRENCES

Litres	1990-91		4000 04		Consumption of Absolute Alcohol
Litres		Litros por por		Numbe	Consumption of Absolute Alcohol
Estimated Low Risk Consumers   248,900   65	6.1	Litres per pers		Numbe	Litres
Estimated Low Risk Consumers Estimated Moderate Risk Consumers Estimated Migh Risk Consumers  Estimated Migh Risk Consumers    13,900		Rates per 100	2,321,793		Entos
Estimated Moderate Risk Consumers   32,100   33   32,100   3   3   3   3   3   3   3   3   3	65,242.5	rates per 100,	248 900		Estimated Low Risk Consumers
Legal Offences	8,414.2				Estimated Moderate Risk Consumers
Legal Offences	3,643.5				Estimated High Risk Consumers
Liquor Act   Impaired Operation Causing Death   4   2   0.8     1   1   5   2.2     1   1   1   5   2.2     1   1   1   1   5   2.2     1   1   1   1   1   1   1   1   1		4000	4002	4000	Logal Offenses
Impaired Operation Causing Death   4   2   1   5   2.2   2   2   2   2   2   2   2   2	1993				
Impaired Operation Causing Bodily Harm   11	343.1				· ·
Impaired Operation Over 80 mg%   1,348   1,007   268.7   38.3   192   57   38.3   192   192   57   38.3   1,383.1	0.4				
Provincial Rate   192   57   38.3   812   1,383.1	184.1				
Drivers in Alcohol-Related Traffic Crashes   1991   1992   1991   1992   1991   1992   1993   1994   1995	10.4				
Drivers in Alcohol-Related Traffic Crashes   1991   1992   1991     1992     1991     1992     1991     1992     1993     1993     1994     1995   1995   1995     1995   1995     1995     1995     1995     1995     1995     1995     19	538.8				
Drivers in Alcohol-Related Traffic Crashes   1991   1992   1991	919.1		2,940	4,074	Total
Resulting in Property Damage   Resulting in Personal Injury   Resulting in Personal Injury   Resulting in Fatalities   General Hospital Separations   Total Provincial Rate   Total Provincial Rate	313.1	1,000,1			
Resulting in Personal Injury   Resulting in Fatalities   General Hospital Separations   Total Provincial Rate   Total Provin	1992				
Resulting in Fatalities	65.0				
Total Provincial Rate   Total   Provincial Rate   Total   To	41.0				
Provincial Rate   134.0	1.1				
General Hospital Separations           Primary Diagnoses         1991-92         1992-93         1991-92         19	107.2		586	555	
Primary Diagnoses         1991-92         1992-93         1991-92         19           Alcoholic Psychoses         30         38         5.7         38         5.7         38         5.7         38         5.7         39         38         5.7         39         31         7.6         31         7.6         31         7.6         32         32         32         32         32         32         32         32         32         32         32         32         32         33         3.6         36	137.0	134.0	L		Provincial Rate
Primary Diagnoses         1991-92         1992-93         1991-92         19           Alcoholic Psychoses         30         38         5.7         38         5.7         38         5.7         38         5.7         39         38         5.7         39         31         7.6         31         7.6         31         7.6         32         32         32         32         32         32         32         32         32         32         32         32         32         33         3.6         36					General Hospital Separations
Alcoholic Psychoses   30   38   5.7     Alcohol Dependence Syndrome   115   120     Nondependent Abuse of Alcohol   40   31     Chronic Liver Disease and Cirrhosis   78   99     Toxic Effects of Alcohol   17   12     Total   280   300     Provincial Rate   101.1     Secondary Diagnoses   19   33   3.6     Alcohol Dependence Syndrome   223   201     Alcohol Syndrome   22	1992-93	1991-92	1992-93	1991-92	
Alcohol Dependence Syndrome	6.9				
Chronic Liver Disease and Cirrhosis   78   99   14.9     3.2	21.9	22.0	120	115	
Toxic Effects of Alcohol	5.7	7.6	31	40	Nondependent Abuse of Alcohol
Total   280   300   53.5	18.1	14.9	99	78	Chronic Liver Disease and Cirrhosis
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome  Provincial Rate  101.1  33 3.6 42.6	2.2	3.2	12	17	Toxic Effects of Alcohol
Secondary Diagnoses Alcoholic Psychoses Alcohol Dependence Syndrome 19 33 3.6 42.6	54.8	53.5	300	280	Total
Alcoholic Psychoses         19         33         3.6           Alcohol Dependence Syndrome         223         201         42.6	93.1	101.1			Provincial Rate
Alcoholic Psychoses         19         33         3.6           Alcohol Dependence Syndrome         223         201         42.6					Secondary Diagnoses
Alcohol Dependence Syndrome 223 201 42.6	6.0	3.6	33	19	
	36.7	42.6	201	223	
Nondependent Abuse of Alcohol 61 68 11.7	12.4	11.7	68	61	
Chronic Liver Disease and Cirrhosis 128 148 24.5	27.1	24.5	148	128	
Toxic Effects of Alcohol 2 4 0.4	0.7			2	Toxic Effects of Alcohol
Total 433 454 82.7	83.0	82.7	454	433	Total
Provincial Rate 190.9	189.2	190.9			Provincial Rate
Mental Hospital Separations					Mental Hospital Separations
Primary Diagnoses 1991-92 1992-93 1991-92 19	1992-93	1991-92	1992-93	1991-92	
Alcoholic Psychoses 1 - 0.2	-	0.2			
Alcohol Dependence Syndrome 2 3 0.4	0.5	0.4	3	2	
Nondependent Abuse of Alcohol	-	-			
Total 3 0.6	0.5		3	3	
Provincial Rate 8.5	7.4	8.5			Provincial Rate

## YORK

#### ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

Г	Numbe	or	Rates per 1	00.000
Mortality	1991	1992	1991	1992
Alcohol Psychoses	1	-	0.2	-
Alcohol Dependence Syndrome	1	3	0.2	0.5
Chronic Liver Disease and Cirrhosis	24	19	4.6	3.5
Total Total	26	22	5.0	4.0
Provincial Rate			10.7	10.3
DRUG-RELATED OCCURRENCES				
Legal Offences	1991	1992	1991	1992
Marijuana	386	500	73.8	91.4
Heroin	3	56	0.5	10.3
Cocaine	51	38	9.8	6.9
Other Drugs	4	6	0.8	1.2
Controlled Drugs	-	-	-	
Restricted Drugs	8	16	1.6	3.0
Total	453	617	86.5	112.8
Provincial Rate			200.9	175.3
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-93
Drug Psychoses	6	14	1.1	2.6
Drug Dependence	32	32	6.1	5.8
Nondependent Abuse of Drugs	19	5	3.6	0.9
Poisoning by Analgesics, Antipyretics	101	87	19.3	15.9
Poisoning by Sedatives and Hypnotics	16	9	3.1	1.6
Poisoning by Psychotropic Agents	87	76	16.6	13.9
Total	261	223	49.9	40.8
Provincial Rate		L	67.0	63.6
Secondary Diagnoses				
Drug Psychoses	9	9	1.7	1.6
Drug Dependence	47	52	9.0	9.5
Nondependent Abuse of Drugs	63	62	12.0	11.3
Poisoning by Analgesics, Antipyretics	53	45	10.1	8.2
Poisoning by Sedatives and Hypnotics	13	12	2.5	2.2
Poisoning by Psychotropic Agents	51	55	9.7	10.1
Total	236	235	45.1	43.0
Provincial Rate		L	75.2	81.0
Mental Hospital Separations	1991-92	4002.02	4004.02	4002.02
Primary Diagnoses  Drug Psychoses	1991-92	1992-93	1991-92	1992-93
Drug Dependence	2	4	- 0.4	0.7
Nondependent Abuse of Drugs			0.4	0.7
Total	2	4	0.4	0.7
Provincial Rate		4	2.1	2.6
Mortality:				
From Drugs, Medicaments & Biologicals	1991	1992	1991	1992
Accidental Poisoning	6	8	1.1	1.5
Suicide	6	5	1.1	0.9
Undetermined	-		-	
Total	12	13 The Park 13	2.3	2.4
D				2.4

Provincial Rate

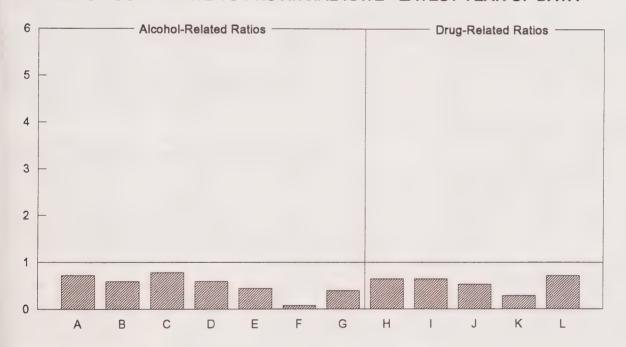
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#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(in t	housands)			
0- 9	60.0	67.1	74.4	79.7	82.7	84.9	86.7
10-14	28.4	30.7	33.7	36.2	37.6	39.7	41.6
15-19	29.0	31.6	34.2	36.7	38.0	39.1	40.4
20-29	60.7	66.5	72.3	77.5	79.3	80.4	81.6
30-39	70.0	76.3	83.6	89.7	92.7	96.6	100.8
40-49	48.6	56.6	65.0	72.6	78.0	83.3	89.7
50-59	32.3	35.0	38.3	41.5	44.1	46.6	49.8
60-64	11.6	12.6	13.8	14.8	15.8	16.7	17.7
55-74	14.9	16.1	17.5	19.2	20.4	22.1	24.0
75+	9.9	10.6	11.3	12.3	13.2	14.0	14.9
Total population	365.3	402.9	444.1	480.1	501.6	523.5	547.1
Aged 15 and over	277.0	305.3	336.0	364.3	381.5	398.8	418.9
Aged 20 and over	248.0	273.7	301.8	327.6	343.5	359.7	378.5

## RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

- H. Legal Offences Drugs
- I. General Primary Separations Drugs
- J. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

## **ONTARIO - PROVINCIAL TOTAL**

#### **ALCOHOL-RELATED OCCURRENCES**

(All rates are per 100,000 total population unless otherwise specified)

Consumption of Absolute Alcohol		1990-91		1990-9
	Numbe		Litres per per	
Litres		69,701,257		8
			Rates per 100	
Estimated Low Risk Consumers		4,829,200		58,516
Estimated Moderate Risk Consumers		1,056,600		12,803
Estimated High Risk Consumers		465,600		5,641
_egal Offences	1990	1993	1990	19
Liquor Act	106,681	69,322	1,031.4	653
Impaired Operation Causing Death	32	42	0.3	(
Impaired Operation Causing Bodily Harm	459	290	4.4	
Impaired Operation Over 80 mg%	32,977	25,994	318.8	24
Fail/Refuse to Provide Breath/Blood Sample	2,911	1,873	28.1	17
Total	143,060	97,521	1,383	91
_				
Orivers in Alcohol-Related Traffic Crashes	1991	1992	1991	19
Resulting in Property Damage	7,530	8,258	71.9	7
Resulting in Personal Injury	6,207	5,963	59.3	5
Resulting in Fatalities	296	315	2.8	
Total	14,033	14,536	134.0	13
General Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-
Alcoholic Psychoses	1,540	1,523	14.7	14
Alcohol Dependence Syndrome	4,311	3,779	41.2	3
Nondependent Abuse of Alcohol	1,112	1,111	10.6	1
Chronic Liver Disease and Cirrhosis	3,261	3,158	31.1	2
Toxic Effects of Alcohol	360	310	3.4	
Total	10,584	9,881	101.1	9
Secondary Diagnoses				
Alcoholic Psychoses	1,228	1,307	11.7	1:
Alcohol Dependence Syndrome	11,063	11,039	105.7	10
Nondependent Abuse of Alcohol	2,269	2,454	21.7	2:
Chronic Liver Disease and Cirrhosis	5,295	5,120	50.6	4
Toxic Effects of Alcohol	135	158	1.3	
Total	19,990	20,078	190.9	18
Mental Hospital Separations				
Primary Diagnoses	1991-92	1992-93	1991-92	1992-
Alcoholic Psychoses	68	58	0.6	
Alaskal Danier danie Our danie	622	620	5.0	-

Alcohol Dependence Syndrome

Nondependent Abuse of Alcohol

Total

623

201

892

629

101

788

5.9

1.9

8.5

5.9

1.0

#### **ONTARIO - PROVINCIAL TOTAL**

Tota

## ALCOHOL-RELATED OCCURRENCES

(All rates are per 100,000 total population unless otherwise specified)

#### Mortality

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Number				
1991	1992			
27	23			
203	211			
890	855			
1,120	1,089			

Rates per 100,000				
1991	1992			
0.3	0.2			
1.9	2.0			
8.5	8.1			
10.7	10.3			

#### DRUG-RELATED OCCURRENCES

#### Legal Offences

Marijuana Heroin Cocaine Other Drugs Controlled Drugs Restricted Drugs

	1991	1992
	11,082	10,807
	604	539
	7,763	5,285
	1,017	932
	111	561
	457	478
Total	21,034	18,602

1991	1992
105.8	101.9
5.8	5.1
74.1	49.8
9.7	8.8
1.1	5.3
4.4	4.5
200.9	175.3

#### **General Hospital Separations**

#### **Primary Diagnoses**

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

1991-92	1992-93
293	346
854	880
495	394
2,412	2,247
542	458
2,420	2,426
7.016	6 751

4004 00

1991-92	1992-93
2.8	3.3
8.2	8.3
4.7	3.7
23.0	21.2
5.2	4.3
23.1	22.9
67.0	63.6

#### Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

345	376
1,486	1,601
2,586	3,004
1,443	1,467
379	327
1,640	1,820
7,879	8,595

	3.3	3.5
	14.2	15.1
	24.7	28.3
	13.8	13.8
1	3.6	3.1
	15.7	17.2
	75.2	81.0

#### Mental Hospital Separations

## **Primary Diagnoses**

Drug Psychoses Drug Dependence

Nondependent Abuse of Drugs

	1991-92	1992-93
	30	39
	125	149
	69	85
Total	224	273

1991-92	1992-93
0.3	0.4
1.2	1.4
0.7	0.8
2.1	2.6

#### Mortality:

#### From Drugs, Medicaments & Biologicals

Accidental Poisoning Suicide

Undetermined

	1991	1992
	158	159
	164	162
	6	35
ı	328	356

Y1.	1991	1992
	1.5	1.5
	1.6	1.5
	0.1	0.3
	3.1	3.4

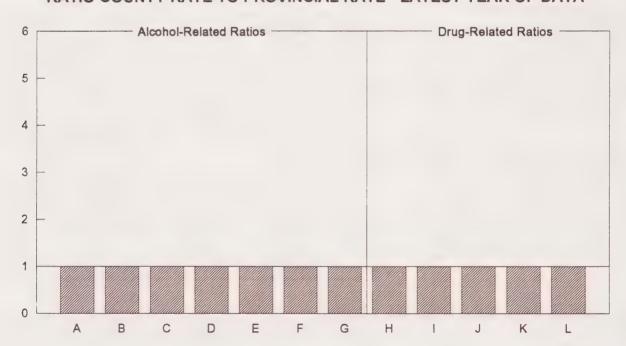
Total

## **ONTARIO - PROVINCIAL TOTAL**

#### **ESTIMATED COUNTY POPULATION BY AGE**

AGE GROUP	1986	1987	1988	1989	1990	1991	1992
			(i	n thousands)			
0- 9	1,273.7	1,308.9	1,344.5	1,385.5	1,424.6	1,443.8	1,468.9
10-14	644.2	644.1	649.0	659.5	666.5	675.6	686.6
15-19	723.2	719.7	719.7	720.2	716.6	707.1	703.0
20-29	1,783.0	1,807.7	1,811.2	1,837.2	1,828.1	1,785.7	1,746.2
30-39	1,553.6	1,599.2	1,647.9	1,719.4	1,774.3	1,818.8	1,857.8
40-49	1,103.3	1,172.5	1,234.7	1,299.5	1,357.5	1,412.3	1,461.2
50-59	936.1	940.7	943.7	954.1	961.1	971.8	988.9
60-64	435.8	441.6	446.5	448.2	450.9	453.7	457.2
65-74	612.9	637.8	657.8	680.6	700.9	724.8	747.9
75+	398.1	413.8	428.6	446.4	463.3	477.6	492.8
Total population	9,463.9	9,686.0	9,883.6	10,150.6	10,343.8	10,471.2	10,610.5
Aged 15 and over	7,546.0	7,733.0	7,890.1	8,105.6	8,252.7	8,351.8	8,455.0
Aged 20 and over	6,822.8	7,013.3	7,170.4	7,385.4	7,536.1	7,644.7	7,752.0

### RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



#### **ALCOHOL RATIOS:**

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations Alcohol
- E. General Secondary Separations Alcohol
- F. Mental Primary Separations Alcohol
- G. Alcohol-Related Deaths

#### **DRUG RATIOS:**

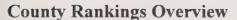
- H. Legal Offences Drugs
- I. General Primary Separations DrugsJ. General Secondary Separations Drugs
- K. Mental Primary Separations Drugs
- L. Drug-Related Deaths

Part III		
COUNTY DATA	- County	Rankings

# PART III County Rankings

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The following tables have been included to summarize the rates over the five-year period for a number of the variables. Readers should note that these rates are not different from the rates presented in the previous section, they have been included primarily to facilitate inter-county comparisons. In addition to the rates for the five years, a five-year average rate is also presented and was also calculated in the following manner:

$$5-year\ rate = \frac{\sum_{t=1}^{5} (Occurrences_t)}{\sum_{t=1}^{5} (Population_t)}$$

The result of this calculation was then ranked from the highest rate over the five-year period to the lowest rate. These rankings are listed in the final column on each table.

Estimated alcohol consumption and risk categories, Ontario by county, Table III-1 1990-91

		ited Number of		Absolute	Litres Per	
	Aged 15 an	d Over by Risk	Categories	Alcohol	Person	
County	Low	Moderate	High	Consumption in Litres	Aged 15 and Over	Rank
Algoma	64,800	14,800	6,500	969,441	9.2	22
Brant	59,500	10,800	4,700	732,923	8.0	37
Bruce	29,200	8,700	4,000	552,375	10.8	7
Cochrane	44,000		5,300	759,863	10.2	13
Dufferin	18,600	4,500	2,000	291,447	9.5	20
Dundas, Glengarry, Stormont	57,600	9,800	4,200		7.7	44
Durham (R.M.)	201,800	38,500	16,800	2,589,691	8.2	31
Elgin	41,300		2,400		6.7	46
Essex	174,800	31,200	13,700	A Control of the Cont	7.9	39
Frontenac	64,200	16,000	7,100		9.7	17
Grey	43,100	8,400	3,600	561,286	8.4	27
Haldimand-Norfolk (R.M.)	51,200	9,100	4,000		8.0	38
Haliburton	5,100	3,000	1,600	185,696	15.6	2
Halton (R.M.)	164,200	29,800	12,900		8.0	36
Hamilton-Wentworth (R.M.)	240,600	46,900	20,300		8.4	28
Hastings	55,500	15,500	7,000		10.4	10
Huron	30,500	5,300	2,300		7.8	43
Kenora - Para Barana	23,500	9,700	4,600		12.9	3
Kent	56,900	10,700	4,600	723,728	8.2	32
Lambton		13,100	5,700	878,242	8.5	24
Lanark	26,300	6,500	2,900	419,218	9.6	19
Leeds and Grenville	45,800	9,900	4,300		8.9	23
Lennox and Addington	19,300	3,600	1,600	244,826	8.2	33
Manitoulin	4,600	1,900	900	115,337	12.8	4
Middlesex	195,400	37,300	16,200	2,523,890	8.3	29
Muskoka	16,400	10,000	5,300	615,468	15.9	1
Niagara (R.M.)	210,300	38,800	16,900	2,638,906	8.1	35
Nipissing	40,000	10,700	4,800	684,239	10.1	15
Northumberland	39,900	7,900	3,400		8.4	26
Ottawa-Carleton (R.M.)	359,700	68,700	29,900		8.3	30
Oxford	50,300	7,000	3,000	499,941	6.8	45
Parry Sound	16,600	6,200	2,900		12.3	5
Peel	375,800	64,800	28,100	4,464,774	7.8	42
Perth	36,400	6,400	2,800	438,581	7.9	41
Peterborough	56,700	15,600	7,000	998,491	10.3	11
Prescott and Russell	35,800	4,600	2,000	332,796	6.4	47
Prince Edward	13,400	1,700	700	123,876	6.4	48
Rainy River	11,000	2,700	1,200	176,029	9.7	18
Renfrew	43,900	11,600	5,200	746,323	10.1	16
Simcoe	130,600	38,000	17,200		10.6	8
Sudbury (R.M.)	76,900	20,500	9,200	1,322,183	10.1	14
Sudbury (T.D.)	11,700	3,600	1,700	229,202	11.1	6
Thunder Bay	74,500	21,300	9,700	1,364,468	10.6	9
Timiskaming with the artists of	19,500	4,500	2,000	292,748	9.2	21
Toronto (Metropolitan)	1,283,600	240,300	104,600	16,236,789	8.2	34
Victoria	29,400	8,100	3,600	518,095	10.3	12
Waterloo	192,500	37,800	16,500	2,551,919	8.5	25
Wellington	83,000	14,500	6,300	999,521	7.9	40
York	267,500	31,200	13,500	2,321,795	6.1	49
ONTARIO	5,134,700	1,123,500	495,000	69,701,257	8.4	

Figure III-1: Annual alcohol consumption in litres per person aged 15 and over, 5-year average, 1988 to 1992



Liquor act offences, rates per 100,000 population, Ontario by county, Table III-2 1988 to 1992

County	1988	1989	1990	1991	1992	5-Year	Rank
Algoma	1,353.6	1,568.5	1,242.6	1,223.5	1,242.3	1,326.4	28
Brant	698.8	695.0	573.9	564.1	· ·		45
Bruce	3,411.9	3,598.7	3,279.5	2,838.5	2,147.6	3,038.3	4
Cochrane	2,443.1	2,386.3	2,240.5	2,259.8	1,813.4	2,229.1	8
Dufferin	2,231.0	2,104.4	1,510.0	963.8	717.3	1,473.7	20
Dundas, Glengarry, Stormont	792.4	815.0	898.5	769.6	645.7	783.4	38
Durham (R.M.)	470.3	486.8	476.5	357.2	275.1	409.6	49
Elgin	1,752.0	1,792.6	1,460.5		27 1 1 2	1,476.8	19
Essex	1,139.2	1,090.5	719.4	371.8	452.4	751.5	39
Frontenac	2,007.2	1,643.0	667.4	613.1	500.7	1,068.0	33
Grey	1,910.8	1,349.4	1,388.2	1,328.0	1,266.2	1,442.5	23
Haldimand-Norfolk (R.M.)	2,649.0	2,688.5	2,061.1	1,514.1	1,209.4	2,007.4	12
Haliburton	1,363.6	1,846.7	1,593.1	1,628.4	842.1	1,446.8	22
Halton (R.M.)	1,303.0	1,149.9	1,052.4	957.8		972.5	35
Hamilton-Wentworth (R.M.)	1,135.3	878.4	665.1	558.4	479.9	724.1	40
						1,401.3	25
Hastings	1,641.2	1,553.8	1,357.5	1,317.7	1,158.3		
Huron	3,341.8	3,139.5	3,149.5	2,409.8	1,776.9	2,755.1	6
Kenora	9,422.3	8,768.9	8,250.4	8,699.1	8,228.7	8,668.9	1
Kent	2,772.3	2,715.7	2,168.7	1,822.5	1,656.2	2,222.6	9
Lambton	4,077.5	4,176.5	3,518.0	2,965.7		3,482.9	3
Lanark	1,680.5	1,343.2	1,503.6	1,437.4	1,320.7	1,454.3	21
Leeds and Grenville	1,568.8	1,555.8	1,402.4	1,234.7	1,006.3	1,348.0	27
Lennox and Addington	1,967.0	2,000.0	1,889.2	1,370.5	1,147.2	1,665.8	18
Manitoulin	4,889.9	5,187.5	5,236.8		4,132.2	4,760.9	2
Middlesex	1,571.9	1,544.2	1,292.3	978.6	792.3	1,226.8	29
Muskoka	3,403.6	3,170.6	2,396.7	2,387.1	1,531.7	2,549.9	7
Niagara (R.M.)	1,095.2	986.9	866.2	688.3	489.8	821.2	37
Nipissing	1,511.5	1,416.1	1,225.3	1,056.9	915.6	1,219.6	30
Northumberland	1,527.3	1,486.1	1,765.5	1,280.6	1,007.3	1,407.1	24
Ottawa-Carleton (R.M.)	556.7	557.5	649.1	898.0	901.6	717.0	41
Oxford	1,438.6	1,458.5	1,241.0	1,053.1	803.7	1,191.6	31
Parry Sound	1,972.6	2,366.0	2,051.4	1,598.0	1,469.3	1,882.2	15
Peel	777.6	749.2	724.4	565.2	317.9	619.0	43
Perth	2,078.8	2,007.1	2,069.6	1,495.9	1,218.9	1,769.2	16
Peterborough	1,096.1	979.6	943.3	897.7	659.5	910.6	36
Prescott and Russell	683.2	662.5	471.7	512.9	506.2	563.7	47
Prince Edward	1,794.9	1,616.0	1,497.9	1,293.9	794.4	1,392.5	26
Rainy River	3,166.0	3,432.2	2,686.4	2,357.1	2,841.0	2,895.3	5
Renfrew	1,214.3	1,146.1	1,086.3	913.9	840.1	1,037.2	34
Simcoe	2,534.9	2,345.0	1,936.9	1,631.6	1,253.5	1,916.5	13
Sudbury (R.M.)	674.3	520.8	516.8	560.7	597.1	573.5	46
Sudbury (T.D.)	2,392.5	2,388.7	1,925.4	2,011.1	1,360.3	2,011.9	11
Thunder Bay	2,579.3	2,286.6	1,808.0	1,432.3	1,349.6	1,887.5	14
Timiskaming	2,460.0	2,336.6	2,142.9	1,836.2	1,699.5	2,097.5	10
Toronto (Metropolitan)	749.8	620.8	645.1	654.8	403.4	615.0	44
Victoria					1,326.9		17
Waterloo	2,231.3	2,058.6	1,685.9	1,555.0		1,756.1	42
	829.9	659.0	627.6	823.8	521.6	690.1	
Wellington	1,509.1	1,202.9	1,070.7	960.7		1,133.3	32
York	769.0	659.7	502.2	443.9	356.8	535.9	48
ONTARIO	1,250.9	1,156.8	1,156.8	936,9	749.4	1,021.0	

Figure III-2: Liquor act offences, rates per 100,000 population, 5-year average, 1988 to 1992

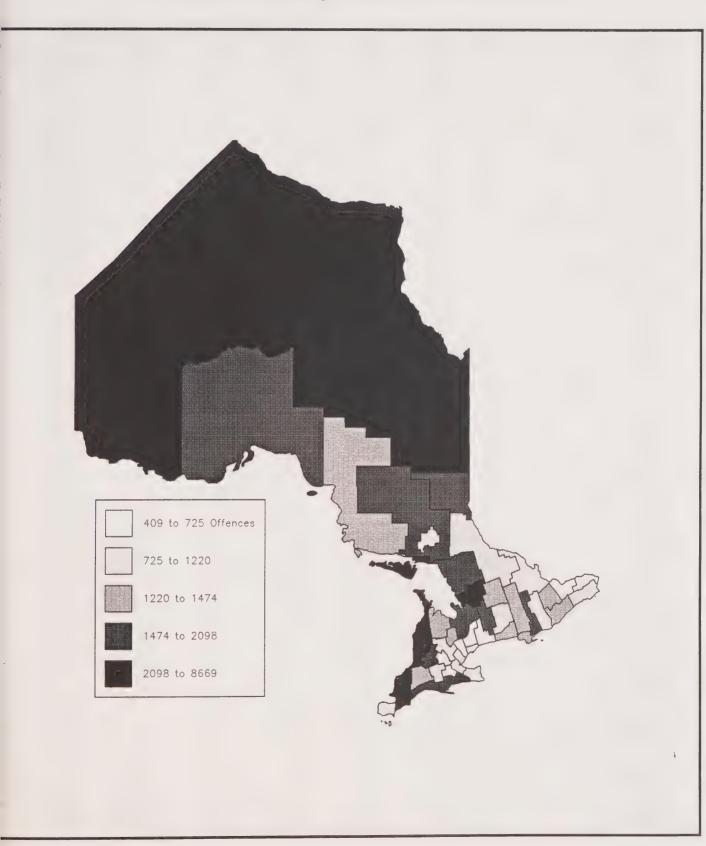


Table III-3 Drinking and driving offences, rates per 100,000 population, Ontario by county, 1988 to 1992

County	1988	1989	1990	1991	1992	5-Year	Rank
Algoma	514.6	635.1	530.2	504.2	500.8	537.2	12
Brant	392.4	401.4	366.7	416.0	406.9	396.8	34
Bruce	581.7	728.8	586.1	479.0	463.0	565.1	10
Cochrane	603.1	594.3	513.8	479.2	476.2	533.4	15
Dufferin	565.2	509.1	447.8	428.1	409.7	469.0	22
Dundas, Glengarry, Stormont	449.3	502.3	381.0	349.6	340.2	403.6	32
Durham (R.M.)	467.1	506.2	569.9	463.7	445.3	490.0	20
Elgin	475.7	434.6	436.0	372.8	365.2	416.0	31
Essex	372.2	383.7	220.2	276.6	271.0	304.3	45
Frontenac	454.9	385.2	262.6	272.2	266.8	326.0	41
Grey	495.7	439.8	475.3	508.0	497.0	483.4	21
Haldimand-Norfolk (R.M.)	666.7	735.4	470.4	411.9	402.1	533.5	14
Haliburton	439.4	562.0	503.4	345.7	333.1	433.9	27
Halton (R.M.)	371.5	359.5	364.5	327.4	317.1	347.4	38
Hamilton-Wentworth (R.M.)	311.4	295.4	300.6	264.9	261.6	286.5	47
Hastings	500.4	503.4	387.5	381.1	370.2	427.1	28
Huron	450.7	359.7	465.1	407.2	400.4	416.5	30
Kenora	873.8	868.4	738.4	701.0	684.1	771.9	2
Kent	737.2	666.7	638.7	530.2	522.4	618.2	8
Lambton	391.4	412.1	348.3	322.8	316.9	357.9	37
Lanark	642.7	619.7	456.7	427.9	414.0	509.1	18
Leeds and Grenville	496.6	582.6	536.2	537.6	520.8	534.7	13
Lennox and Addington	565.9	547.2	356.2	329.3	319.3	420.7	29
Manitoulin	1,348.6	1,482.1	964.9	1,167.5	1,117.2	1,212.5	1
Middlesex	466.4	503.5	482.3	428.2	418.8	459.2	24
Muskoka	688.3	656.6	471.1	478.5	466.0	547.9	11
Niagara (R.M.)	342.4	317.2	327.1	286.9	281.1	310.5	43
Nipissing	632.1	570.9	480.8	466.8	456.8	519.8	17
Northumberland	535.5	561.4	436.0	367.0	357.9	448.3	25
Ottawa-Carleton (R.M.)	288.1	244.9	222.5	218.7	212.3	236.5	48
Oxford	481.0	482.5	479.9	405.0	393.9	447.4	26
Parry Sound	726.0	732.1	694.1	606.9	587.3	667.2	. 5
Peel	293.7	308.7	303.7	296.4	283.3	297.0	46
Perth Till and Annual Confession	560.2	601.7	533.4	461.9	452.7	521.2	16
Peterborough	753.1	748.7	595.2	584.8	572.7	648.1	6
Prescott and Russell	540.8	563.5	415.2	491.1	469.1	494.3	19
Prince Edward	538.5	535.9	336.1	288.5	282.0	393.9	35
Rainy River	668.1	597.5	690.7	622.7	613.7	638.4	(Sem -7)
Renfrew	412.3	380.2	317.4	288.1	276.4	333.9	40
Simcoe	948.9	823.4	701.5	592.7	566.4	<b></b>	4
Sudbury (R.M.)	360.5	320.7	. 315.7	286.0	279.0	311.7	42
Sudbury (T.D.)	739.6	845.3	798.5	729.8	719.6	766.2	3:
Thunder Bay	688.5	667.9	510.7	489.6	481.9	567.1	9
Timiskaming	598.1	460.0	428.6	426.7	419.1	467.0	23
Toronto (Metropolitan)	208.3	216.7	208.4	190.3	189.7	202.7	49
Victoria and and the state of	483.0	439.7	393.8	359.7	345.9	402.0	33
Waterloo	424.5	398.6	369.3	360.1	350.7	379.7	36
Wellington	468.7	358.4	317.3	297.2	289.9	344.3	39
	374.0			264.6			44
York	3/4.0	358.9	310.0	204.0	250.5	308.2	44

Figure III-3: Drinking and driving offences, rates per 100,000 population, 5-year average, 1988 to 1992

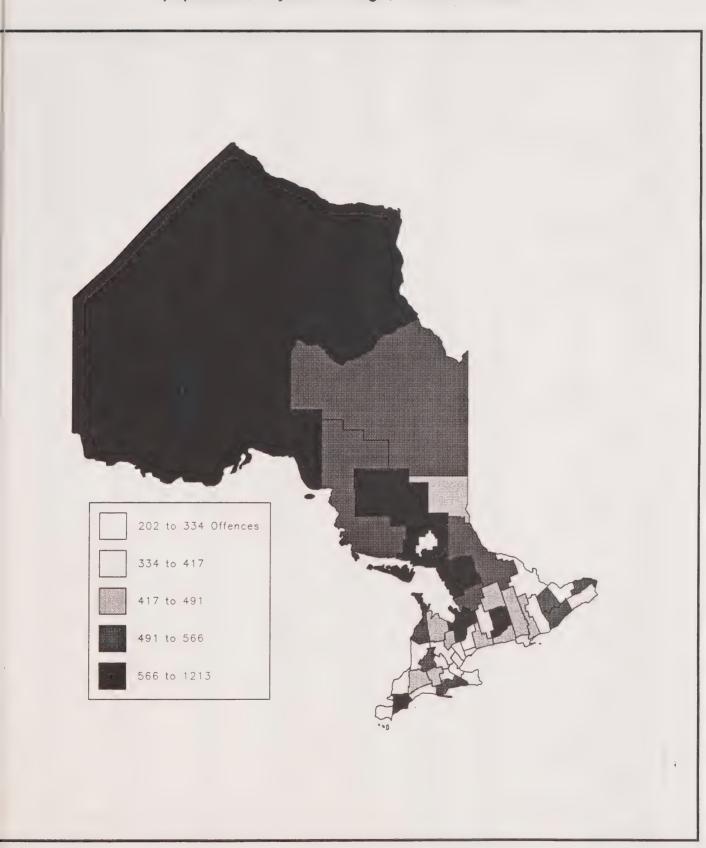


Table III-4 Drivers involved in alcohol-related traffic crashes, rates per 100,000 population, Ontario by county, 1988 to 1992

Algoma Brant Bruce Cochrane	244.2 221.4	210.2	188.1	161.4	4740		
Bruce	224.4		100.1	101.4	174.0	195.6	18
	221.4	220.7	166.4	140.0	178.1	184.7	21
Cochrane	206.7	219.4	210.0	213.3	172.2	204.0	13
	186.7	154.7	138.2	108.8	122.7	142.2	42
Dufferin	279.9	248.0	256.2	169.1	198.6	228.6	6
Dundas, Glengarry, Stormont	194.6	193.1	175.2	157.5	194.2	182.9	23
Durham (R.M.)	228.9	193.3	171.6	135.2	134.5	170.8	30
Elgin dan Mada maga	184.6	170.4	163.0	153.6	155.9	165.3	34
Essex	227.8	204.5	192.1	157.1	179.8	192.1	20
Frontenac	173.9	159.4	150.7	162.1	153.1	159.6	36
Grey	208.2	191.6	194.1	207.1	172.9	194.6	19
Haldimand-Norfolk (R.M.)	241.7	270.7	257.4	217.1	214.2	239.8	5
Haliburton	575.8	386.9	358.6	337.8	263.2	379.6	2
Halton (R.M.)	169.4	155.3	136.1	111.0	114.3	136.5	43
Hamilton-Wentworth (R.M.)	153.8	142.7	109.9	102.1	104.5	122.3	48
Hastings	226.8	236.3	170.8	209.9	168.8	202.0	15
Huron	212.6	144.5	159.5	127.9	136.8	155.9	38
Kenora	203.9	176.6	196.2	161.4	168.5	181.1	24
Kent	200.7	182.7	162.5	169.6	164.5	175.9	26
Lambton	198.0	188.6	168.2	160.1	166.2	176.0	25
Lanark	206.0	192.9	187.7	206.3	212.1	201.2	16
Leeds and Grenville	223.5	214.3	234.6	210.1	218.3	220.1	7
Lennox and Addington	236.3	202.2	163.6	269.4	190.4	212.2	10
Manitoulin	403.7	392.9	289.5	384.6	429.8	380.5	1
Middlesex	187.7	188.4	143.1	127.5	136.2	155.8	39
Muskoka	313.9	308.9	289.3	250.0	277.8	-6 287.1	3
Niagara (R.M.)	225.2	239.3	210.9	182.5	174.8	206.1	12
Nipissing	155.6	176.1	138.2	121.7	139.5	145.9	41
Northumberland	278.7	240.4	202.8	181.7	168.1	212.6	9
Ottawa-Carleton (R.M.)	130.9	111.7	99.2	100.6	110.4	110.3	49
Oxford	200.9	153.9	190.3	161.3	163.6	173.7	28
Parry Sound	290.4	283.8	282.8	241.2	255.5	270.1	4
Peel	150.0	152.7	123.5	105.2	101.0	125.4	46
Perth	144.7	120.1	139.3	124.3	125.9	130.8	44
Peterborough	224.0	202.7	183.1	163.6	151.5	184.0	22
Prescott and Russell	184.0	174.9	138.4	137.9	185.9	164.0	35
Prince Edward	217.9	202.5	178.4	200.0	217.7	203.3	14
Rainy River	183.0	169.5	173.7	201.7	150.6	175.7	27
Renfrew	166.7	180.5	157.6	152.3	185.3	168.6	31
Simcoe	222.6	228.1	205.4	163.8	176.0	198.1	17
Sudbury (R.M.)	202.1	185.4	. 173.7	162.2	138.8	171.9	29
Sudbury (T.D.)	201.6	183.6	153.0	162.4	139.7	167.8	32
Thunder Bay	219.6	224.5	189.6	202.8	210.7	209.4	11
Timiskaming	198.5	138.0	160.1	101.7	160.1	151.9	40
Toronto (Metropolitan)	143.4	144.5	120.5	105.9	107.2	124.3	47
Victoria	255.1	252.4	178.1	189.6	209.5	215.8	8
Waterloo	207.4	178.0	157.6	129.0	129.2	159.2	37
Wellington	194.3	185.8	157.0	123.0	160.1	167.0	33
York	148.6	153.0	128.4	105.9	107.2	127.3	45
ONTARIO	180.3	172.3	149.9	134.0	137.0		

Figure III-4: Drivers involved in alcohol-related traffic crashes, rates per 100,000 population, 5-year average, 1988 to 1992

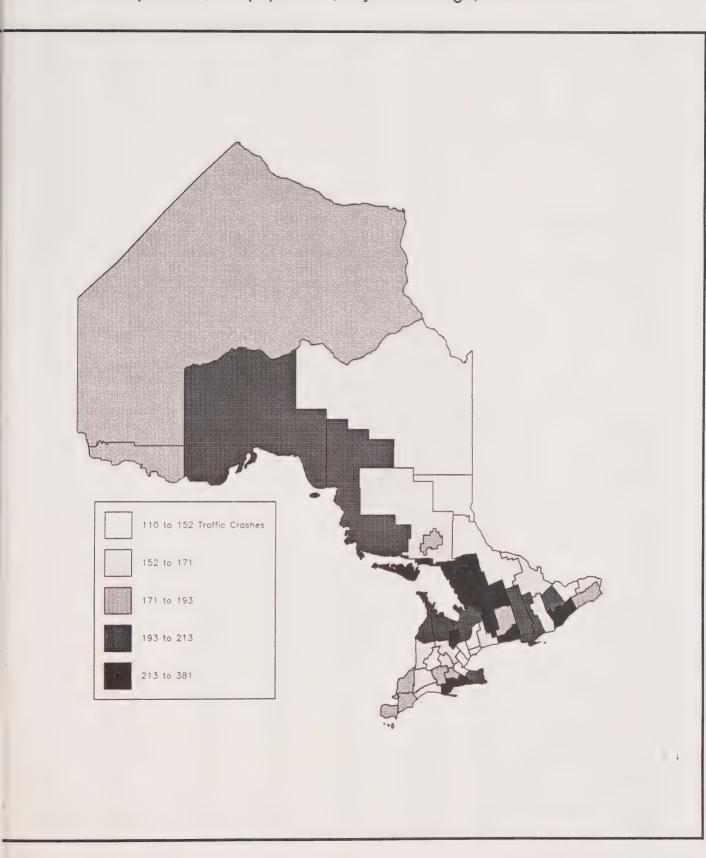


Table III-5 Separations from general hospitals for alcohol-related primary diagnoses, rates per 100,000 population, Ontario by county, 1988-89 to 1992-93

County	1988-89	1989-90	1990-91	1991-92	1992-93	5-Year	Rank
Algoma	289.9	253.1	218.3	216.7	187.5	233.1	5
Brant	181.6	177.2	180.8	197.0	168.2	180.9	10
Bruce	226.0	181.8	172.2	191.1	136.0	180.5	11
Cochrane	351.8	311.5	245.6	244.4	180.4	266.8	4
Dufferin	146.7	120.1	129.4	94.2	128.5	123.3	28
Dundas, Glengarry, Stormont	156.8	146.0	143.8	115.7	121.6	136.5	21
Durham (R.M.)	102.9	84.2	76.8	79.9	64.9	81.1	45
Elgin	110.5	96.4	95.7	137.0	109.0	109.8	31
Essex	82.3	91.1	94.1	91.1	89.0	89.5	39
Frontenac	110.3	102.3	95.1	103.1	86.5	99.3	33
Grey	231.7	190.4	207.1	209.4	238.9	215.6	7
Haldimand-Norfolk (R.M.)	144.8	111.3	114.4	91.5	74.9	106.8	32
Haliburton	219.7	153.3	206.9	135.1	125.0	166.7	14
Halton (R.M.)	107.2	89.2	82.8	84.8	78.1	88.1	40
Hamilton-Wentworth (R.M.)	99.5	59.1	85.4	95.9	81.6	84.3	43
Hastings	154.6	167.2	184.2	162.1	142.2	162.0	16
Huron	182.0	152.9	157.8	139.3	153.1	156.9	18
Kenora	339.8	338.7	349.3	351.1	347.8	345.4	2
Kent	157.5	178.3	180.2	163.4	153.1	166.5	15
Lambton	162.7	165.9	166.7	200.3	147.0	168.5	13
Lanark	194.7	163.3	198.6	142.9	98.3	158.5	17
Leeds and Grenville	109.5	83.7	98.7	101.8	77.6	94.1	35
Lennox and Addington	90.7	97.0	79.2	98.4	60.9	85.0	42
Manitoulin	633.0	500.0	456.1	282.1	371.9	445.0	1
Middlesex	111.6	92.7	77.1	74.2	62.9	83.2	44
Muskoka	127.8	149.0	124.0	137.1	142.9	136.2	22
Niagara (R.M.)	134.6	119.3	123.4	114.1	112.4	120.6	29
Nipissing	172.5	160.8	159.1	112.6	103.5	141.0	19
Northumberland	166.7	145.3	134.3	115.0	110.8	133.6	23
Ottawa-Carleton (R.M.)	91.6	63.7	58.5	53.3	55.5	64.2	47
Oxford	158.5	150.7	113.1	120.7	101.2	128.2	25
Parry Sound	139.7	191.0	126.0	123.1	108.1	136.9	20
Peel	79.0	74.5	71.9	76.3	67.0	73.6	46
Perth	98.9	117.2	136.5	143.6	136.8	126.9	26
Peterborough	123.5	107.3	95.2	80.6	69.4	94.5	34
Prescott and Russell	86.4	69.7	55.1	48.9	41.6	59.5	48
Prince Edward	115.4	122.4	116.2	146.9	145.2	129.5	24
Rainy River	421.3	296.6	245.8	268.9	359.8	318.4	3
Renfrew	179.7	146.1	192.8	172.3	176.2	173.4	12
Simcoe	109.2	118.3	114.1	113.7	117.9	114.7	30
Sudbury (R.M.)	181.5	141.1	129.8	102.3	81.4	126.4	27
Sudbury (T.D.)	339.6	226.4	220.1	206.6	106.6	219.2	6
Thunder Bay	222.1	213.4	188.4	180.9	154.6	191.7	9
Timiskaming	198.5	217.9	229.1	178.7	189.7	202.8	8
Toronto (Metropolitan)	100.0	98.8	85.0	84.7	84.0	90.5	36
Victoria	102.0	76.5	82.8	81.0	107.0	89.9	37
Waterloo	108.1	79.2	96.7	81.1	66.0	85.8	41
Wellington	156.5	71.4	88.6	82.1	55.4	89.9	38
York	69.8	58.5	55.2	53.5	54.8	58.0	49
ONTARIO	127.8	111.5	104.0	101.1	93.1	107.2	45

Figure III-5: Separations from general hospitals for alcohol-related primary diagnoses, rates per 100,000 population, 5-year average, 1988 to 1992

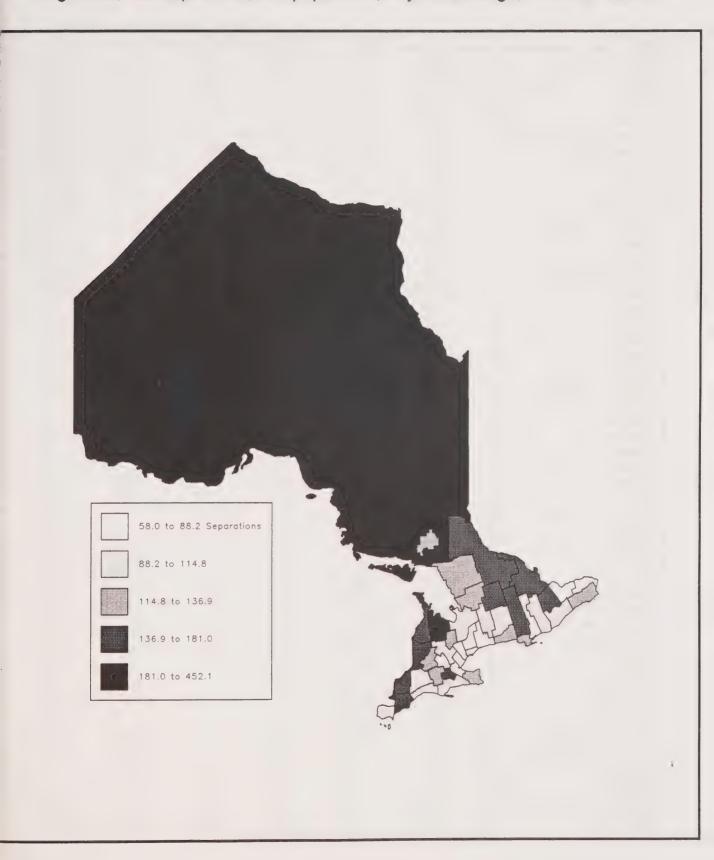


Table III-6 Separations from general hospitals for alcohol-related secondary diagnoses, rates per 100,000 population, Ontario by county, 1988-89 to 1992-93

County	1988-89	1989-90	1990-91	1991-92	1992-93	5-Year	Rank
Algoma	265.2	282.0	345.9	378.2	333.1	320.9	5
Brant	256.0	251.1	316.6	326.9	292.5	289.2	9
Bruce	224.4	261.8	241.7	248.9	244.6	244.4	17
Cochrane	277.9	311.5	291.7	281.3	302.1	292.9	8
Dufferin	146.7	159.3	129.4	94.2	107.5	126.3	47
Dundas, Glengarry, Stormont	252.8	178.6	199.5	210.9	239.7	216.3	24
Durham (R.M.)	128.2	109.1	125.9	139.3	135.8	127.9	46
Elgin	121.3	121.5	128.1	175.4	188.8	147.6	41
Essex	182.6	190.2	240.1	238.8	250.4	220.7	22
Frontenac	291.5	285.2	254.2	279.3	270.0	275.8	11
Grey	202.0	226.5	257.6	239.4	217.3	228.8	20
Haldimand-Norfolk (R.M.)	163.5	146.1	189.3	217.1	173.9	178.5	33
Haliburton	280.3	270.1	282.8	216.2	276.3	264.7	13
Halton (R.M.)	119.4	125.9	148.1	151.4	144.2	138.1	44
Hamilton-Wentworth (R.M.)	156.7	155.1	190.9	211.7	202.7	183.7	32
Hastings	200.7	228.7	255.8	279.8	288.4	251.5	16
Huron	190.5	189.9	242.5	182.0	202.0	201.4	27
Kenora	501.6	520.1	422.6	645.8	615.1	542.0	2
Kent	244.8	243.3	335.7	311.1	348.2	297.0	7
Lambton	138.1	165.9	189.2	181.7	207.5	176.8	35
Lanark	228.7	205.9	231.0	287.5	237.9	238.7	18
Leeds and Grenville	213.3	189.7	240.1	230.4	176.3	209.8	25
Lennox and Addington	170.3	229.1	213.7	240.9	264.0	224.4	21
Manitoulin	779.8	848.2	1,131.6	940.2	859.5	912.7	1
Middlesex	151.6	154.4	172.2	174.1	168.5	164.4	37
Muskoka	257.8	321.8	268.6	330.6	390.9	315.5	6
Niagara (R.M.)	176.7	173.0	181.1	172.7	164.6	173.6	36
Nipissing	164.1	184.4	180.0	211.6	193.5	187.0	30
Northumberland	297.8	248.3	249.7	262.1	229.0	256.7	15
Ottawa-Carleton (R.M.)	153.6	134.6	135.6	143.3	129.9	139.2	42
Oxford	167.4	150.7	135.3	143.3	183.0	156.9	39
Parry Sound	257.5	249.3	300.8	301.5	265.4	275.3	12
Peel	111.3	101.3	108.5	127.0	132.6	116.6	48
Perth	192.0	242.9	168.5	212.7	221.6	207.6	26
Peterborough	192.0	186.5	205.3	190.2	195.4	193.8	29
Prescott and Russell	188.8	157.9	156.3	156.6	113.7	153.6	40
Prince Edward	217.9	227.8			250.0	234.9	19
Rainy River	323.4	245.8	232.4	244.9	447.7	364.0	19
Renfrew			372.9	428.6			
Simcoe	303.0	263.2	278.0	294.1	295.3	286.8	10 34
	162.2	171.6	172.0	184.2	198.6	178.3	34
Sudbury (R.M.)	172.7	191.4	191.3	189.1	180.5	185.1	
Sudbury (T.D.)	234.0	177.4	182.8	302.6	198.5	219.2	23
Thunder Bay	325.1	273.1	414.7	446.9	467.4	385.9	
Timiskaming	295.4	283.3	226.6	233.3	251.2	258.2	14
Toronto (Metropolitan)	148.9	139.9	163.1	177.8	176.9	161.3	38
Victoria	180.3	158.0	206.3	178.9	249.6	195.6	28
Waterloo	148.0	140.9	124.9	126.2	154.5	138.8	43
Wellington	170.1	116.3	137.1	154.0	111.3	137.4	45
York DNTARIO	75.0	65.4	86.9	82.7	83.0	78.9	49

Figure III-6: Separations from general hospitals for alcohol-related secondary diagnoses, rates per 100,000 population, 5-year average, 1988 to 1992

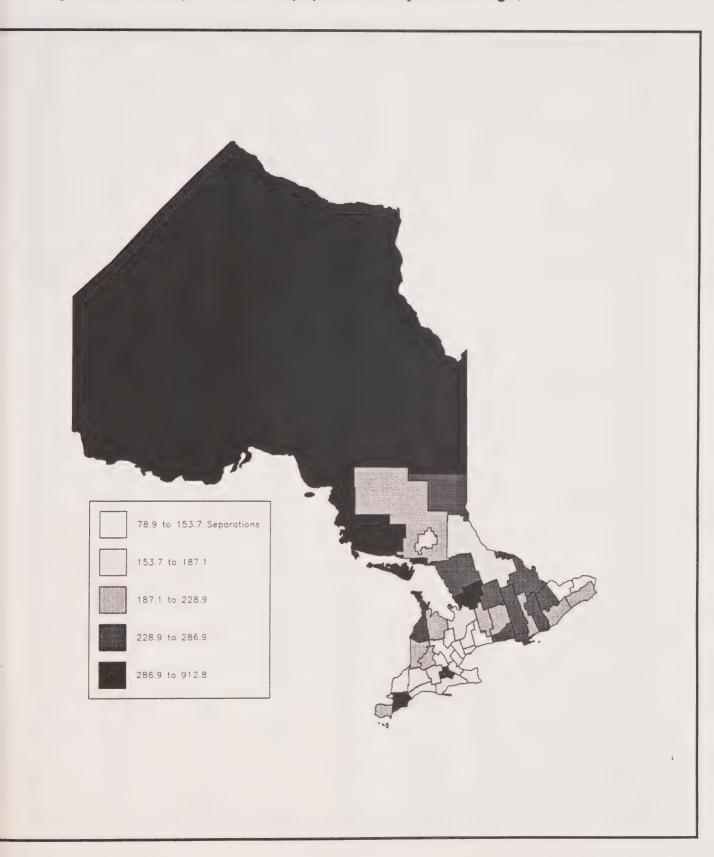


Table III-7 Separations from mental hospitals for alcohol- related primary diagnoses, rates per 100,000 population, Ontario by county, 1988-89 to 1992-93

County	1988-89	1989-90	1990-91	1991-92	1992-93	5-Year	Ra
Algoma	11.2	9.6	4.4	4.5	3.0	6.6	2
Brant	3.5	6.1	3.4	4.2	3.3	4.1	3
Bruce	-	3.1	-	8.9	2.9	3.0	3
Cochrane	13.3	7.2	7.2	9.2	11.3	9.6	- 2
Dufferin	8.2	2.6	7.5	2.4	2.3	4.5	3
Dundas, Glengarry, Stormont	4.6	10.0	12.6	8.0	10.5	9.2	2
Durham (R.M.)	5.1	6.0	5.6	3.1	4.1	4.7	
Elgin	60.6	59.4	68.6	35.9	36.8	52.1	
Essex	5.7	6.9	8.6	4.4	5.8	6.3	(
Frontenac	36.2	32.0	24.4	20.2	14.8	25.3	
Grey	6.2	4.8	2.4	5.8	4.6	4.7	
Haldimand - Norfolk	10.4	15.3	9.9	11.7	8.6	11.2	•
Haliburton	15.2	7.3	6.9	-	6.6	7.0	
Halton	1.0	0.6	0.9	1.5	0.6	0.9	4
Hamilton - Wentworth	6.2	3.7	4.7	2.1	1.5	3.6	
Hastings	9.6	5.1	5.8	8.2	4.0	6.5	
Huron	17.0	10.1	18.3	11.5	8.1	13.0	
Kenora	87.4	75.4	62.2	29.8	27.8	56.1	
Kent	10.8	16.0	11.5	18.5	8.7	13.1	
Lambton	8.4	3.8	9.0	6.7	6.6	6.9	
Lanark	20.8	20.4	18.1	17.6	24.1	20.2	
Leeds and Grenville	82.4	53.6	46.1	48.2	42.0	54.1	
Lennox and Addington	11.0	16.2	10.6	10.4	5.1	10.6	
Manitoulin	~	8.9	_	94.0	8.3	22.7	
Middlesex	39.1	34.0	41.7	34.5	34.1	36.6	
Muskoka	35.9	36.7	39.3	16.1	29.8	31.3	
Niagara	3.6	1.3	3.5	3.2	2.2	2.7	
Nipissing	63.9	56.7	44.1	36.4	37.1	47.4	
Northumberland	8.2	14.5	2.5	2.5	4.9	6.4	
Ottawa-Carleton	0.6	1.0	0.9	0.7	0.7	0.8	
Oxford	24.6	30.6	12.7	15.6	11.2	18.7	
Parry Sound	24.7	29.2	23.1	7.5	17.2	20.1	
Peel	0.7	0.7	0.7	7.5	0.4	0.5	
Perth	17.2	2.8	8.4	18.0	10.9	11.5	
Peterborough	4.4	7.7	6.6	3.2	4.0	5.1	
Prescott and Russell	4.8	7.7	1.5	1.4	1.4	1.8	
Prince Edward	4.3	8.4	8.3	1.4	12.1	6.6	
Rainy River	63.8	55.1	29.7	16.8	20.9	37.2	•
Renfrew	8.7	5.4	8.5	6.3	5.1	6.8	
Simcoe	63.4	55.1	46.2	49.8	38.7	50.2	•
Sudbury (R.M.)	1.9	1.9	4.3	1.2	4.1	2.7	
Sudbury (T.D.)	18.9	3.8	4.5	14.8	22.1	11.9	
Thunder Bay	127.1		125.4	68.0		99.0	
Timiskaming		116.9	125.4 12.3	22.3	58.6 9.9	8.8	
Toronto (Metropolitan)	2.5	2.6	2.5	22.3	2.0	2.5	
Victoria	11.9	4.9	1,6	2.0	1.5	3.8	
Waterloo	5.0	2.7	2.6	2.0		2.8	2
					1.8		4
Wellington	1.3 0.7	3.2	1.8	1.2	0.5	1.5	4
York ONTARIO	12.0	0.6 <b>10.6</b>	1.2 10.8	0.6 <b>8.5</b>	0.5 <b>7.4</b>	9.8	4

Figure III-7: Separations from mental hospitals for alcohol-related primary diagnosis, rates per 100,000 population, 5-year average, 1988 to 1992

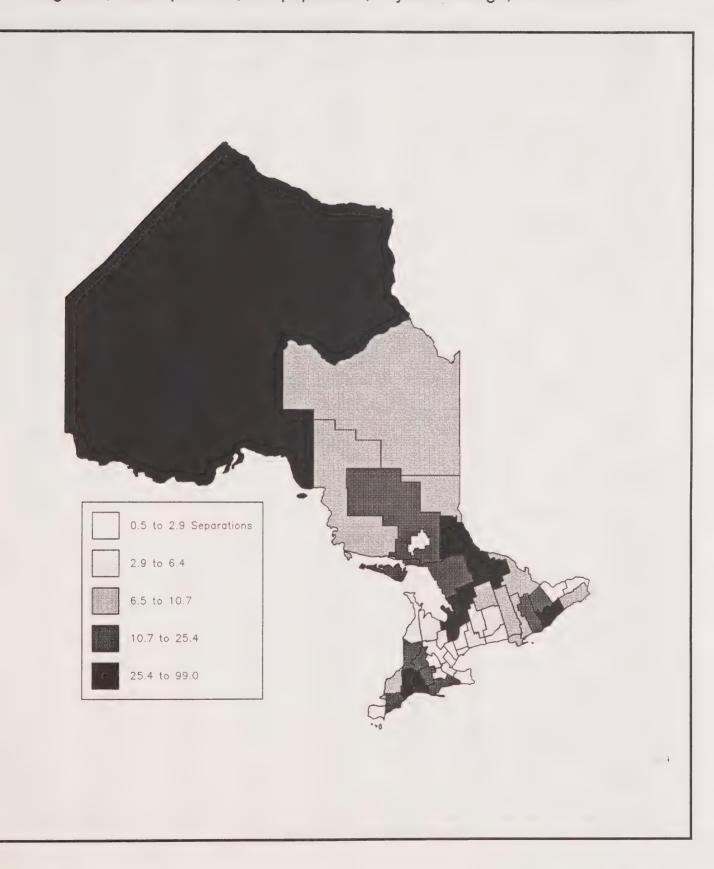


Table III-8 Alcohol-related deaths, rates per 100,000 population, Ontario by county, 1988 to 1992

County	1988	1989	1990		1992	5-Year	Rank
Algoma	17.2	11.1	8.1	14.2	13.5	12.8	9
Brant	14.2	13.0	12.7	15.1	14.9	14.0	5
Bruce	9.6	14.1	13.6	14.8	10.1	12.5	12
Cochrane	8.2	18.4	14.3	14.4	10.3	a-9.75, <b>13.1</b>	8 18
Dufferin	13.6	10.4	2.5	12.1	11.7	10.0	31
Dundas, Glengarry, Stormont	12.9	13.6	13.5	9.8	7.9	11.5	22
Durham (R.M.)	7.7	7.8	7.5	8.2	8.9	8.1	42
Elgin (1975)	6.7	10.6	3.9	10.2	11.4	8.6	39
Essex	12.7	10.5	12.4	11.2	11.7	11.7	20
Frontenac	10.5	12.5	5:3	9.7	5.2	8.6	40
Grey	14.9	6.0	11.8	6.9	5.7	9.0	37
Haldimand-Norfolk (R.M.)	11.5	7.2	6.9	15.6	13.4	. 11.0	26
Haliburton	15.2	7.3	13.8	13.5	-	9.8	33
Halton (R.M.)	7.6	9.9	18,40 ft 9.11	6.5	6.6	7.9	43
Hamilton-Wentworth (R.M.)	10.9	11.3	10.5	13.9	13.0	11.9	17
Hastings	8.7	15.4	13.3	15.6	14.5	. 6: : 13.6	. 7
Huron	10.2	6.7	6.6	3.3	4.9	6.3	47
Kenora	11.3	20.9	14.4	6.3	4.6	11.4	23
Kent	6.3	14.3	7.1	12.3	10.5	10.1	30
Lambton	. 11.5	6.1	13.5	12.7	11.8	-55- 11.1	24
Lanark	13.2	7.4	5.4	8.8	12.1	9.4	35
Leeds and Grenville	6.8	12.3	12.1	16.1	15.7	12.7	. 11
Lennox and Addington	2.7	5.4	5.3	20.7	10.2	9.0	36
Manitoulin	9.2	8.9	8.8	25.6	9 : 41.3	. Fragili 19.2	-1
Middlesex	11.1	15.1	10.0	10.8	8.1	11.0	25
Muskoka	6.7	17.3	14.5	12.1	9.9	12.1	14
Niagara (R.M.)	13.3	11.9	11.9	14.0	9.2	12.0	16
Nipissing	15.7	16.5	10.5	6.8	11.2	12.1	15
Northumberland	5.5	9.2	7.6	12.4	12.2	9.5	34
Ottawa-Carleton (R.M.)	10.2	10.8	12.0	8.1	8.9	10.0	32
Oxford	4.5	6.6	1.1	9.4	9.2	6.2	48
Parry Sound	24.7	(%) 13.3	12.9	15.1	7.4	14.5	4
Peel	7.2	8.4	7.4	6.2	6.9	7.2	46
Perth. 10 Aug. 12 Aug.	4.3	9.9	8.4	6.9	9.6	7.8	44
Peterborough	7.9	10.2	13.1	12.1	10.4	10.8	27
Prescott and Russell	8.0	9.3	6.0	10.1	9.7	1 31 22 8.6	38
Prince Edward	-	8.4	8.3	16.3	4.0	7.5	45
Rainy River	\$ \$ 4.3	12.7	12.7	4.2	25.1	11.8	19
Renfrew	14.1	8.6	14.9	12.6	18.3	13.7	6
Simcoe	12.4	12.9	15.2	7.4	10.7	10.7 11.6	.21
Sudbury (R.M.)	11.4	15.5	9.1	15.0	8.3	11.8	18
Sudbury (T.D.)	7.5	15.1	18.7	13.0 11.1 معروف		12.7	10
Thunder Bay	19.1	13.5	12.2	18.2	15.1	15.6	3
Timiskaming	14.5	29.1	12.3	24.8	14.8	19.1	2 2
Toronto (Metropolitan)	12.4	12.4	11.9	12.5	12.8	12.4	13
Victoria	10.2	12.4	3.1	10.7	12.6	12.4	29
Waterloo	7.2	8.8	7.8	8.4	8.8	8.2	41
Wellington	9.8	12.0	7.6 10,5 10,5		9.5	0.2	28
York	5.6	8.5	6.0	10.3 5.0	4.0	5.8	49
ONTARIO	11.1	12.0	11.0			11.0	40
ONTARIO	11.1	12.0	11.0	10.7	10.3	11.0	

Figure III-8: Alcohol-related deaths, rates per 100,000 population, 5-year average, 1988 to 1992



Table III-9 Drug-related offences, rates per 100,000 population, Ontario by county, 1988 to 1992

County	1988	1989	1990	1991	1992	5-Year	Rank
Algoma	381.2	520.4	388.2	232.9	453.0	395.3	1
Brant	73.7	174.2	84.4	131.9	119.0	116.8	44
Bruce	154.0	198.4	150.7	100.0	107.6	141.1	36
Cochrane	314.3	463.4	380.7	161.5	196.2	303.4	4
Dufferin	133.1	306.4	164.1	134.9	93.7	164.5	29
Dundas, Glengarry, Stormont	44.3	117.2	104.4	52.6	60.8	75.8	48
Durham (R.M.)	167.7	181.2	188.3	124.5	168.7	165.7	28
Elgin	182.5	192.9	137.8	213.6	143.6	173.9	26
Essex	103.3	191.0	121.6	153.1	148.4	143.5	35
Frontenac	142.7	159.0	184.9	202.5	325.8	204.6	15
Grey	178.8	235.4	172.1	113.3	125.7	164.1	30
Haldimand-Norfolk (R.M.)	180.8	239.1	255.4	272.5	216.1	233.3	10
Haliburton	300.0	160.0	127.6	102.8	240.6	184.6	22
Halton (R.M.)	113.3	129.0	122.6	92.0	147.7	121.1	42
Hamilton-Wentworth (R.M.)	342.6	256.4	204.8	148.5	189.7	227.5	12
Hastings	127.0	141.4	110.7	154.0	134.5	133.6	39
Huron	171.0	272.8	172.3	120.4	111.2	168.9	27
Kenora	296.2	398.2	358.7	239.9	412.4	341.2	3
Kent	387.3	262.8	300.1	184.0	275.8	281.5	7
Lambton	234.4	122.0	98.0	68.1	76.6	119.1	43
Lanark	123.8	201.3	145.2	226.0	231.3	186.6	20
Leeds and Grenville	60.4	294.2	152.9	208.3	157.2	174.8	25
Lennox and Addington	141.6	159.0	304.0	247.6	197.5	210.7	14
Manitoulin	182.3	178.2	162.4	60.0	102.3	135.7	38
Middlesex	163.3	146.7	123.6	86.3	108.8	125.0	41
Muskoka	143.1	178.3	255.7	137.9	283.0	201.1	17
Niagara (R.M.)	42.9	45.0	73.6	31.3	46.2	47.8	49
Nipissing	190.9	302.4	243.2	214.2	119.3	213.2	13
Northumberland	116.7	231.4	280.7	251.5	324.0	243.5	g
Ottawa-Carleton (R.M.)	149.5	162.5	119.1	82.5	45.6	110.7	46
Oxford	119.4	145.8	217.5	122.4	276.4	177.6	24
Parry Sound	251.4	272.5	299.9	167.2	155.7	227.8	11
Peel	226.0	220.2	211.3	127.3	146.3	184.4	23
Perth	212.2	198.8	228.0	143.3	147.7	185.6	21
Peterborough	173.8	162.2	129.4	98.4	171.4	146.5	33
Prescott and Russell	123.2	155.5	166.2	129.2	113.8	137.3	37
Prince Edward	139.8	193.3	198.3	131.9	65.4	145.1	34
Rainy River	271.4	350.5	226.3	165.8	301.5	263.0	8
Renfrew	255.5	109.0	206.2	154.9	78.7	159.9	31
Simcoe	287.8	463.4	371.7	199.1	179.4	297.0	5
Sudbury (R.M.)	123.4	180.4	152.8	127.4	153.6	147.5	32
Sudbury (T.D.)	185.3	310.5	176.0	111.1	183.1	192.7	18
Thunder Bay	231.6	509.6	243.9	207.0	237.3	285.5	6
Timiskaming	202.0	138.9	203.0	329.1	150.8	204.3	16
Toronto (Metropolitan)	366.9	483.3	408.5	451.0	264.1	395.1	2
Victoria	174.1	213.6	181.1	183.8	205.8	191.9	19
Waterloo	1/4.1	138.2	124.5	88.9	167.5	133.5	40
Wellington	164.3	98.9	78.4	80.6	107.0	105.1	47
York	124.4	132.6	118.6	86.5	112.8	114.3	45
ONTARIO	223.0	268.5	227.5	200.9	175.3	218.6	70

Figure III-9: Drug-related offences, rates per 100,000 population, 5-year average, 1988 to 1992



Table III-10 Separations from general hospitals for drug-related primary diagnoses, rates per 100,000 population, Ontario by county, 1988-89 to 1992-93

County Algoma Brant Bruce Cochrane Dufferin	158.1 83.3	148.0	4242	400.0			Rank
Brant Bruce Cochrane	83.3		134.2	120.3	117.8	135.7	4
Cochrane	00.0	73.0	75.6	68.7	75.4	75.1	27
	72.1	73.7	84.6	62.2	83.9	75.4	26
Dufferin	193.8	146.5	125.9	137.6	132.0	147.2	3
	114.1	104.4	87.1	72.5	60.7	86.7	19
Dundas, Glengarry, Stormont	124.5	83.4	101.5	70.3	70.9	89.8	15
Durham (R.M.)	65.0	51.8	52.5	46.2	53.3	53.5	45
Elgin	114.6	85.9	72.4	90.9	82.4	89.0	17
Essex	91.0	89.0	85.8	68.7	67.4	80.3	23
Frontenac	87.0	72.7	68.5	86.6	79.1	78.7	24
Grey	62.0	68.7	83.5	78.3	62.6	71.1	34
Haldimand-Norfolk (R.M.)	71.9	89.9	86.8	110.0	78.8	87.6	18
Haliburton	45.5	29.2	62.1	60.8	46.1	49.0	49
Halton (R.M.)	54.3	61.4	73.1	68.1	44.6	60.3	39
Hamilton-Wentworth (R.M.)	57.4	51.5	55.4	56.0	56.1	55.3	42
Hastings	70.4	75.9	77.5	68.3	71.1	72.6	32
Huron	51.0	57.1	48.2	44.3	61.9	52.5	46
Kenora	268.6	276.1	143.5	131.7	185.5	200.4	2
Kent	90.9	67.7	64.5	93.1	58.6	74.9	28
Lambton	81.4	78.0	72.8	73.7	66.5	74.4	29
Lanark	113.4	87.2	86.6	70.5	51.7	81.3	21
Leeds and Grenville	73.4	82.6	92.1	79.3	77.6	81.0	22
Lennox and Addington	65.9	70.1	73.9	59.6	66.0	67.1	35
Manitoulin	192.7	214.3	236.8	256.4	157.0	211.2	1
Middlesex	72.7	58.2	48.5	44.8	51.9	55.0	43
Muskoka	109.9	88.6	82.6	108.9	89.3	95.7	9
Niagara (R.M.)	112.6	104.1	77.6	84.9	79.4	91.5	12
Nipissing	104.9	113.5	69.7	92.2	93.4	94.6	10
Northumberland	82.0	75.3	88.7	90.2	76.7	82.7	20
Ottawa-Carleton (R.M.)	64.3	51.3	50.4	46.2	44.0	51.0	47
Oxford	90.4	71.0	69.8	71.8	67.5	73.9	30
Parry Sound	76.7	87.5	95.1	87.9	108.1	91.4	13
Peel	68.3	69.3	60.1	59.0	49.4	60.9	38
Perth	96.0	77.7	59.9	74.6	61.6	73.8	31
Peterborough	75.0	60.5	51.7	41.9	56.6	56.8	41
Prescott and Russell	91.2	63.5	64.0	57.5	48.5	64.3	37
Prince Edward	72.6	42.2	74.7	69.4	40.3	59.8	40
Rainy River	114.9	80.5	89.0	100.8	142.3	105.6	7
Renfrew	100.6	94.5	91.6	87.2	89.6	92.6	11
Simcoe	69.4	79.0	77.2	67.9	69.1	72.5	33
Sudbury (R.M.)	142.3	100.1	99.9	93.4	82.6	103.2	8
Sudbury (T.D.)	64.2	79.2	111.9	. 81.2	117.6	91.0	14
Thunder Bay	120.3	105.8	126.0	113.5	114.1	115.9	5
Timiskaming	140.4	152.5	123.2	86.8	71.4	115.5	6
Toronto (Metropolitan)	73.1	86.7	55.5	59.3	58.0	66.5	36
Victoria	52.7	60.7	43.8	58.1	53.5	53.6	44
Waterloo	101.8	72.3	74.6	72.2	67.0	77.2	25
Wellington	99.7	93.6	92.9	86.4	75.0	89.3	16
York	59.7 59.7	52.3	46.1	49.9	40.8	49.3	48
ONTARIO	86.6	85.1	72.2	67.0	63.6	74.5	40

Figure III-10: Separations from general hospitals for drug-related primary diagnoses, rates per 100,000 population, 5-year average, 1988 to 1993



Table III-11 Separations from general hospitals for drug-related secondary diagnoses, rates per 100,000 population, Ontario by county, 1988-89 to 1992-93

County	1988-89	1989-90		1991-92			Rank
Algoma	83.9	138.4	140.1	148.0	161.3		6
Brant	150.6	146.0	163.0	134.1	208.8		2
Bruce	59.3	47.0	63.4	68.1	60.8	59.9	35
Cochrane	125.1	101.4	96.2	120.1	133.0	115.1	7.
Dufferin	29.9	23.5	19.9	26.6	49.1	30.1	49
Dundas, Glengarry, Stormont	107.0	58.9	77.3	78.3	85.7	81.4	21
Durham (R.M.)	48.0	41.0	47.4	53.0	63.6	50.9	40
Elgin	33.7	25.1	46.6	64.0	54.5	45.0	44
Essex	76.9	78.2	91.2	93.2	122.0	92.5	15
Frontenac	97.4	83.6	79.1	112.0	108.0	96.2	13
Grey	83.0	60.2	92.9	79.4	70.5	77.2	22
Haldimand-Norfolk (R.M.)	42.7	38.8	49.3	51.6	60.5	48.8	41
Haliburton	113.6	87.6	110.3	128.4	256.6	141.5	4
Halton (R.M.)	61.2	62.3	49.2	74.9	64.3	62.5	31
Hamilton-Wentworth (R.M.)	61.2	59.1	60.8	61.3	67.1	61.9	33
Hastings	106.0	94.7	82.5	100.4	96.1	95.9	14
Huron	39.1	70.6	49.8	88.5	61.9	62.1	32
Kenora	103.6	112.4	55.8	98.7	137.6	101.8	11
Kent	96.3	89.1	87.5	80.0	108.5		16
Lambton	50.7	72.7	78.8	69.2	103.4	75.2	23
Lanark	88.8	46.4	41.5	54.7	69.0		34
Leeds and Grenville	40.6	32.4	50.4	39.7	42.0	41.0	47
Lennox and Addington	93.4	64.7	84.4	85.5	124.4	90.8	17
Manitoulin	201.8	133.9	105.3	94.0	165.3		5
Middlesex	58.9	58.2	78.6	85.0	91.6		24
Muskoka	60.5	36.7	55.8	58.5	79.4		37
Niagara (R.M.)	74.6	60.3	66.7	77.8	61.2		28
Nipissing	20.5	35.5	56.9	44.4	67.5		43
Northumberland	102.5	111.0	124.2	92.7	120.6		9
Ottawa-Carleton (R.M.)	84.7	58.5	62.9	72.6	68.0		26
Oxford	97.1	85.2	71.9	70.8	91.0	83.0	20
Parry Sound	32.9	47.7	38.6	55.3	115.5		36
Peel	55.7	54.3	54.3	60.6	57.0	1	38
Perth	80.2	55.1	103.1	82.9	108.1	86.1	18
Peterborough	155.2	145.7	151.9	191.8	212.1	172.1	1
Prescott and Russell	133.2	85.1	113.1	149.4	88.8		8
Prince Edward	85.5	75.9	33.2	49.0	100.8		27
Rainy River	42.6	38.1	67.8	71.4	46.0	53.2	39
Renfrew	71.4	77.3	62.8	106.1	103.9		19
Simcoe	70.6	59.7	64.1	75.6	79.8		25
			54.2	64.0		64.8	29
Sudbury (R.M.)	51.9	63.4			89.1		42
Sudbury (T.D.)	60.4	34.0	41.0	44.3	55.1	47.0	12
Thunder Bay	111.0	43.1	91.1	109.3	138.3	98.7	
Timiskaming	111.4	65.4	108.4	129.0	125.6	107.8	10
Toronto (Metropolitan)	58.2	53.3	63.1	73.9	73.1	64.3	30
Victoria	76.5	76.5	115.6	102.4	404.2	159.4	46
Waterloo	33.2	43.0	43.5	51.8	41.6	42.8	
Wellington York	50.2 42.3	34.1 40.2	34.4 48.0	37.4 45.1	32.1 43.0	37.5 43.8	48 45
				76-9			72

Figure III-11: Separations from general hospitals for drug-related secondary diagnoses, rates per 100,000 population, 5-year average, 1988 to 1992

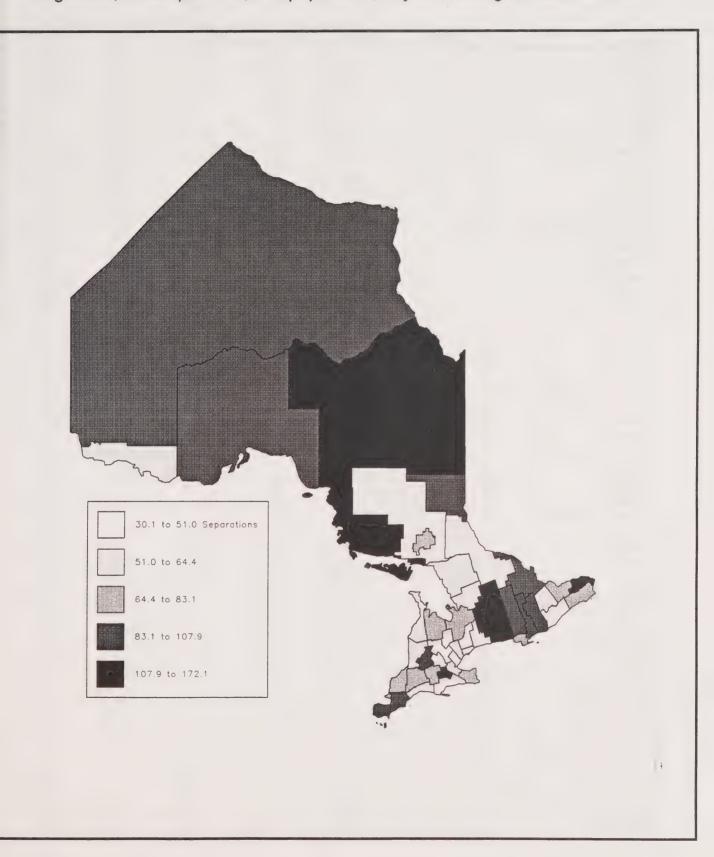


Table III-12 Separations from mental hospitals for drug-related primary diagnoses, rates per 100,000 population, Ontario by county, 1988-89 to 1992-93

ounty	1988-89	1989-90	1990-91	1991-92	1992-93	5-Year
Algoma	0.7	-	1.5	1.5	0.8	0.9
Brant	2.7	2.6	2.5	-	1.7	1,9
Bruce	1.6	-	-	-	-	0.3
Cochrane	5.1	3.1	3.1		1.0	2.5
Dufferin	-	-	-	-	-	
Dundas, Glengarry, Stormont	0.9	6.3	2.7	1.8	0.9	2.5
Durham (R.M.)	3.5	2.5	1.9	0.9	0.2	1.8
Elgin	16.2	11.9	7.8	10.2	8.9	10.9
Essex	3.6	3.0	2.7	0.6	4.4	2.8
Frontenac	9.7	12.5	9.9	2.2	11.8	9.2
Grey	1.2	2.4	1.2	-	1.1	1.2
Haldimand-Norfolk (R.M.)	3.1	7.2	3.9	2.9	6.7	4.8
Haliburton	0.1		20.7	6.8	0.,	5.6
Halton (R.M.)	0.3	0.6	20.7		0.9	0.4
, ,	8.9	2.8	5.6	2.3	4.1	4.7
Hamilton-Wentworth (R.M.)	5.2	2.6	2.5	0.8	0.8	2.3
Hastings	5.2 6.8	3.4	3.3	1.6	0.8	3.0
Huron	11.3			4.7	4.6	9.2
Kenora	11.3	12.8	12.8			
Kent	-	2.7	0.9	0.9	3.5	1.6
Lambton	0.8	4.5	0.8	1.5	0.7	1.7
Lanark	-	1.9	3.6	1.8	-	1.4
Leeds and Grenville	13.5	13.4	13.2	4.3	11.5	11.1
Lennox and Addington	-	10.8	5.3	-	2.5	3.7
Manitoulin	18.3	-	•	34.2	41.3	19.2
Middlesex	14.2	9.2	7.6	9.0	9.9	9.9
Muskoka	6.7	• .	4.1		-	2.1
Niagara (R.M.)	2.8	0.8	1.5	0.5	1.0	1.3
Nipissing	16.9	23.6	25.6	12.5	11.2	17.9
Northumberland	4.1	1.3	2.5	-	-	1.5
Ottawa-Carleton (R.M.)	1.4	0.1	0.3	0.7	0.3	0.6
Oxford	5.6	3.3	-	1.0	3.1	2.6
Parry Sound		2.7	5.1	5.0	2.5	3.1
Peel	0.1	0.8	0.5	0.3	0.1	0.4
Perth	5.7	2.8	1.4	4.1		2.8
Peterborough	0.9	3.4	1.6	0.8	0.8	1.5
Prescott and Russell	24.15			2.9	4.2	1.5
Prince Edward	4.3	8.4	4.1	4.1	4.0	5.0
Rainy River	8.5	4.2	12.7	8.4	4.0	6.8
Renfrew	1.1	1.1	4.3	1.1	-	1.5
Simcoe		1.8	6.9		6.0	5.2
Sudbury (R.M.)	3.8 3.2	1.0		6.4	6.8 0.6	
	3.2		1.2			1.0
Sudbury (T.D.)	40.0	47.0	-	3.7	7.4	2.2
Thunder Bay	13.6	17.8	30.6	20.0	15.7	19.5
Timiskaming	-	-	9.9	2.5	2.5	2.9
Toronto (Metropolitan)	1.8	2.3	2.4	1.1	1.1	1.7
Victoria	. 2	1.6	4	, •	1.5	0.6
Waterloo	1.1	3.2	2.3	1.5	2.8	2.2
Wellington York	0.7	1.3	0.6	1.2		0.7
	0.5	0.2	0.6	0.4	0.7	0.5

Figure III-12: Separations from mental hospitals for drug-related primary diagnoses, rates per 100,000 population, 5-year average, 1988 to 1992

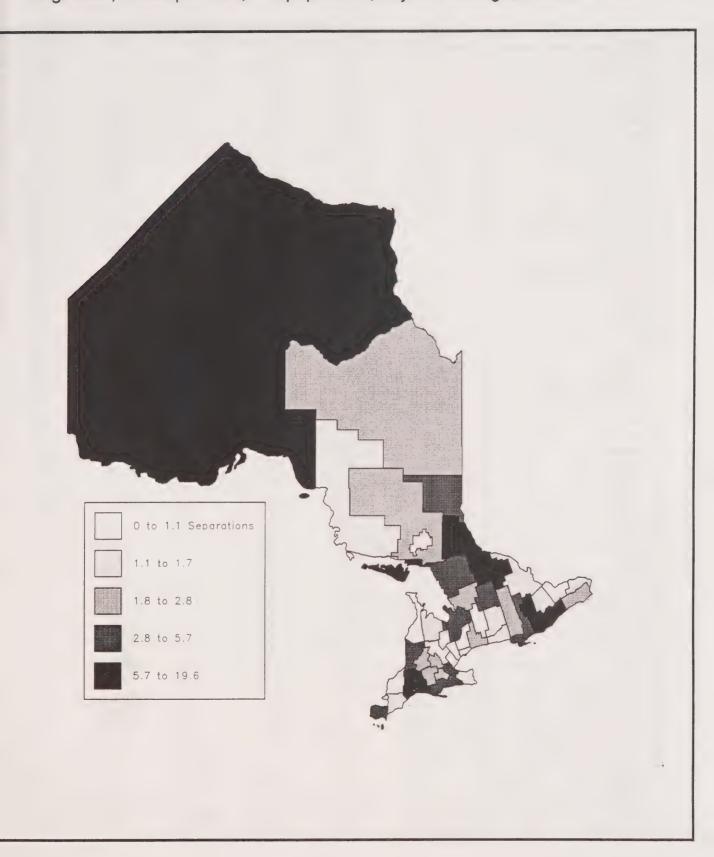
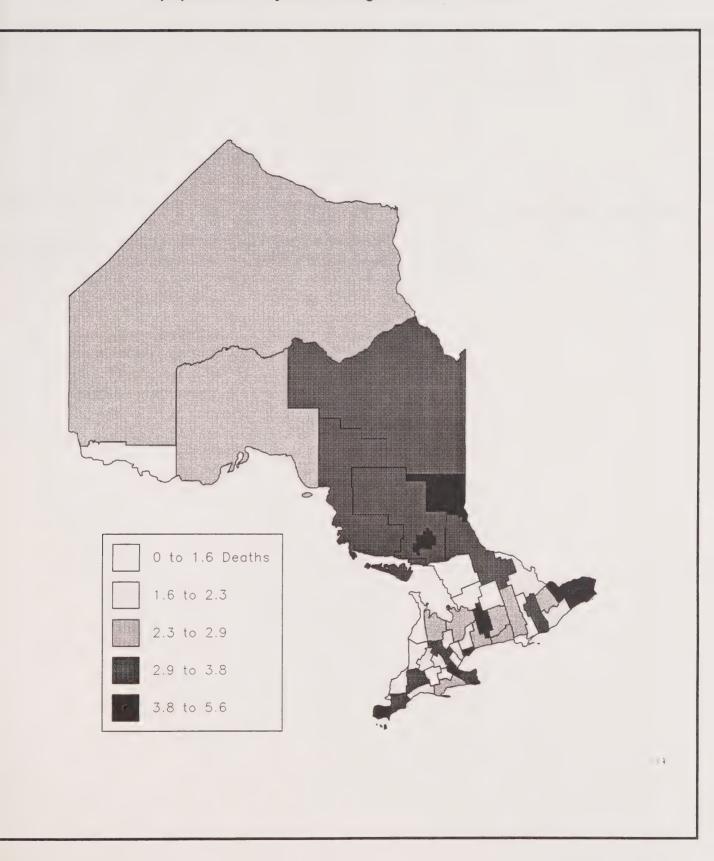


Table III-13 Drug-related deaths, rates per 100,000 population, Ontario by county, 1988 to 1992

County	1988	1989	1990	1991	1992	sees 5-Year	Rank
Algoma	3.8	1.5	2.3	2.2	6.0	3.2	17
Brant	2.7	1.8	1.8	-	-	1.2	43
Bruce	-	-	-	1.5	1.4	0.6	46
Cochrane	5.3	3.2	5.2	., 1.0		2.9	19
Dufferin	-	2.7	5.2	-	2.3	2.1	37
Dundas, Glengarry, Stormont	3.8	5.6	5.5	1.8	5.2	4.4	6
Durham (R.M.)	3.3	3.6	2.0	3.3	2.1	2.8	23
Elgin	2.8	n i i i i i i i i i i i i i i i i i i i	1.3	5.1	1.3	2.1	35
Essex	4.4	6.8	3.4	4.4	3.8	4.5	5
Frontenac	1.7	4.1	1.6	3.7	5.9		
Grey	3.9	2.5	2.5	1.2	2.3	2.4	29
Haldimand-Norfolk (R.M.)	1.1	4.2		1.0	5.8	2.4	28
Haliburton		-	-	-	-	-	48
Halton (R.M.)	1.0	2.7	2.0	1.8	2.7	2.1	36
Hamilton-Wentworth (R.M.)	5.1	3.7	3.4	4.3	4.3	4.1	7
Hastings	1.8	1.7	3.4	3.3	2.4	2.5	27
Huron	1.8	-	1.7	1.6	1.6	1.4	41
Kenora	1.7	~	3.3.	4.7	4.6	2.9	20
Kent	8.3	2.8	0.9	4.4	2.6	3.8	10
Lambton	3.9	1.6	2.3	3.0	and the second	2.1	34
Lanark	3.9	5.7	-	1.8	1.7	2.6	26
Leeds and Grenville	3.5		2.2	3.2		1.8	39
Lennox and Addington	2.8	2.8	-	-	2.5	1.6	40
Manitoulin	1.00	9.1	9.0		Qequadra, •	100 miles 3.5	13
Middlesex	4.1	3.4	3.3	3.3	2.8	3.4	15
Muskoka	_	2.2	2.2	2.0	- 1 to 1 to 1 -	1.3	42
Niagara (R.M.)	3.2	3.9	2.6	2.0	6.1	3.6	12
Nipissing	2.5	7.3	3.6	2.3	3.4	3.8	. 11
Northumberland	4.2	4.1	-	2.5	2.4	2.6	25
Ottawa-Carleton (R.M.)	6.1	6.5	2.6	3.8	3.9	4.5	4
Oxford	-	1.1	2.2	1.0	-	0.9	45
Parry Sound	i jaran •i		5.2	-	-	1.0	44
Peel	2.5	2.1	1.9	2.1	2.3	2.2	32
Perth 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4.4	eg lemegalane " <u>L</u>	1.4	1.4	4.1	2.3	
Peterborough	3.6	6.2	1.7	0.8	2.4	2.9	21
Prescott and Russell	8.2	4.7	7.6	1.4	18-12 gr 4.2		2
Prince Edward	-	-			_	-	47
Rainy River			34 - 124 - 1 <u>2</u> .		Şarəfərəti Amarı		in 49
Renfrew	-	1.1	2.2	2.1	5.1	2.1	33
Simcoe	3.5	2.2	2.5	3.0	2.9	2.8	. 12 24
Sudbury (R.M.)	5.9	5.1	5.7	8.4	2.9		
Sudbury (T.D.)	3.9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.9		7.4	3.1	18
Thunder Bay	2.5	4.4	1.3	3.0	3.0		22
Timiskaming	2.5	9.9.	7.5	3.0	5.0	4.0	
Toronto (Metropolitan)	4.6	5.6	3.9	4.6	4.3		8
Victoria	5.2		3.9	4.6			9
Waterloo	1.4	3.1	3.5	0.8	2.8	2.3	30
Wellington	3,4	2.0	2.6	2.4		3.2	16
						20 5 5 50 1 1 1 2 500 C 1	
York	2.1	1.5	8.0	2.3	2.4	1.9	.30

Figure III-13: Drug-related deaths, rates per 100,000 population, 5-year average, 1988 to 1992



Part IV	
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**COUNTY DATA - Sources and Notes** 

Sources and Notes	·	
ources and Notes		

#### CONSUMPTION OF ABSOLUTE ALCOHOL

#### Sources:

Based on techniques in a series of reports the most recent of which was:

Rush, B.R., <u>Estimated Levels of Alcohol Consumption in Ontario Counties and Regional Municipalities</u>, 1988/89 (Toronto: Addiction Research Foundation, 1992).

The following reports and data sources were also used:

Ministry of Health, <u>A Framework for the Response to Alcohol and Drug Problems in Ontario</u> (Toronto: Ministry of Health, 1988).

Liquor Control Board of Ontario, Annual Report, 1990-91 (Toronto: undated).

Sales data obtained from the Liquor Control Board of Ontario.

VARIABLE DEFINITIONS:						
Litres(thousands) Litres Per Person Aged 15+	total consumption of absolute alcohol in thousands of litres and per person aged 15 and over					
Estimated Low Risk Consumers	estimated number of persons, aged 15 and over, consuming 1 to 14 drinks per week and corresponding rate per 100,000 population aged 15 and over					
Estimated Moderate Risk Consumers	estimated number of persons, aged 15 and over, consuming 15 to 35 drinks per week and corresponding rate per 100,000 population aged 15 and over					
Estimated High Risk Consumers	estimated number of persons, aged 15 and over, consuming over 35 drinks per week and corresponding rate per 100,000 population aged 15 and over					
Note that all votes are based on the	Note that all votes are based on the nanulation aged 15 and ever					

Note that all rates are based on the population aged 15 and over.

he definition of low, moderate and high risk consumers is in accordance with definitions established by the Ontario Ministry of Health.

Lates were calculated using the population aged 15 and over because using the total population would inderestimate the true level of consumption. Similarly, while the legal drinking age in Ontario is 19, surveys adicate that person under this age do in fact use alcohol. Hence the population aged 15 and over is employed be estimate the per adult level of consumption.

Sources an	d	Notes	(Continued	)
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#### **Explanatory Notes:**

County estimates of absolute alcohol consumption are useful in that they can be used to determine the proportion of the adult population that is drinking at various levels of risk. The underlying assumption is that a higher per drinker consumption of absolute alcohol will lead to a higher proportion of heavy drinkers.

Calculation of county absolute alcohol consumption and subsequent estimates of risk categories are the result of four steps: (1) obtaining sales data of beer, wine, and spirits within each county/regional municipality; (2 converting sales data and aggregating into litres of absolute alcohol; (3) determining per adult and per drinker absolute alcohol consumption; and (4) using the per drinker rate of consumption and the Lederman formula to estimate the distribution of alcohol consumption in each county.

Sales data from the Liquor Control Board of Ontario (LCBO) was converted using product specific conversion factors supplied on the original computer tapes; wine sales by independent wine stores was converted using 10.7% (a figure derived from wine sold through the LCBO).

#### **Important Note on Beer Data**

County beer sales data were not available for 1990-91. As a result, beer sales by county were estimated using total provincial beer sales, as report in the LCBO annual report and assuming that the county distribution of sales for 1990-91 was the identical to the distribution of sales in 1988-89 (last year available data). For example, if county X accounted for 10% of provincial beer sales in 1988-89, it was accounted for 10% of provincial beer sales in 1990-91. A conversion factor of 4.825% was used to convert beverage data for beer to absolute alcohol.

Efforts are ongoing to obtain the detailed data and these estimates will be revised should data be available.

Based on surveys conducted in Ontario, it was calculated that 81.83% of the population, aged 15 and over were current drinkers in 1990. (Although not presented, per drinker estimates of consumption can be calculated by dividing <u>Litres Per Person Aged 15+</u> by 81.83%).

Readers should be aware of potential sources of error and bias in using sales figures to estimate alcohoconsumption. For example, sales information do not include or reflect the impact of unrecorded home production of alcohol, consumption of non-beverage alcohol, consumption by non-residents and tourists, o imports for personal use.

Sources and Notes (Continued)	
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#### ALCOHOL- AND DRUG-RELATED LEGAL OFFENCES

#### Source:

Data for individual police departments in Ontario were obtained from the Canadian Centre for Justice Statistics, Statistics Canada.

VADIADI E DEFINITIONS.		
VARIABLE DEFINITIONS:		
Liquor Act	offences under the Ontario Liquor Control Act and Ontario Liquor Licence Act.	
Impaired Operation Causing Death	Criminal Code offences involving the operation of a	
Impaired Operation Causing Bodily Harm	motor vehicle. Not included are offences involving boats, vessels and aircraft.	
Impaired Operation Over 80mg%		
Fail/Refuse to Provide Breath/Blood Sample		
Marijuana	Narcotic Control Act (NCA) offences. The category	
Heroin	Other Drugs involves NCA offences involving drugs other than marijuana, cocaine or heroin.	
Cocaine	ones visual arrangularity occurred of more and	
Other Drugs		
Controlled Drugs	Food and Drugs Act offences involving drugs specified in Part III, Schedule G	
Restricted Drugs	Food and Drugs Act offences involving drugs specified in Part IV, Schedule H	
Note that all corresponding rates are based o	n the total population	

bee also the Technical Notes for an overview of drinking and driving and drug-related offences and associated benalties.

#### **Explanatory Notes:**

Offences represent the basic element of the Uniform Crime Reporting system. When police investigate eported incidents they determine whether an actual offence has occurred and then determine the number of egal violations. If a single event involves several violations of the law then police, using a standard rule ystem, determine and record only the most serious offence (the exception to this rule is violent crimes where he number of offences is determined by the number of victims). This can mean that many less serious offences are actually under-counted.

#### Sources and Notes (Continued)

To determine the number of offences in each county annualized data for each police department in Ontario was obtained from Statistics Canada. In total there are approximately 300 police departments in Ontario representing three levels (municipal, provincial, and federal) of policing. For purposes of county estimate police departments were assigned to counties according to geographical location. While this may not post problems with municipal police departments, where policing is confined to municipal boundaries, it may creat problems for rural detachments of the Ontario Provincial Police and Royal Canadian Mounted Police when jurisdictions may in fact not be confined to the county of location.

In general caution should be used when interpreting criminal offence data. Regional differences and change over time may reflect differences or changes in police enforcement practices.

While the data was double checked for accuracy, users should be aware that in some instances the provincial total is different from provincial data published by Statistics Canada. These differences are typically small (most are under 1%, the largest difference is 5%).

#### **Special Note Concerning Drug Offences:**

While RCMP detachments are not significantly involved in Liquor Act or alcohol-related traffic offences (11 Liquor Act offences and 294 alcohol-related traffic offences in 1992), they are involved with enforcement of Canada's drug laws. In 1992, 25% (see below) of all drug offences that occurred in Ontario were reported by RCMP detachments. Almost all drug-related offences reported by the RCMP were reported by the divisional headquarters located in Ottawa. However, most of these offences did not occur in Ottawa and a mechanism was established to distributed these offences across the province.

	1987	1988	1989	1990	1991	1992
Total Drug Offences	22,854	22,041	27,259	23,526	21,034	18,602
RCMP Offences Regional HQ	6,439	4,586	6,337	3,804	2,494	4,044
Other RCMP	311	454	677	567	482	349
Total RCMP	6,750	5,040	7,014	4,371	2976	4,393
RCMP as a % of Total	30%	23%	26%	19%	14%	24%

To calculate the county distribution of drug related offences the following process was employed:

- 1. County estimates were calculated based on municipal, OPP and local RCMP detachments.
- 2. Using the distribution of offences as calculated in step 1, the remaining RCMP reported offences were distributed proportionately across counties. Example: If 10% of heroin offences occurred in county then ten percent of offences reported by the RCMP divisional headquarters were assigned to that count

Sources and Notes (Continued)	

#### DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

#### Source:

Traffic Injury Research Foundation of Canada for Drinking Driving Countermeasures Office, Ontario Ministry of the Attorney General, data tape.

This source was prepared by the Traffic Injury Research Foundation of Canada for Drinking/Driving Countermeasures Office, Ontario Ministry of the Attorney General.

#### VARIABLE DEFINITIONS:

All 3 variables are counts of drivers that were involved in the accident. Included are drivers that in the opinion of the investigating officer had been drinking but did not have a blood alcohol concentration (BAC) over the legal limit and drivers that had a BAC over the legal limit or were judged by the investigating officer to have been impaired by alcohol.

Resulting in Property Damage	Traffic accidents that resulted in damage to property but no reported injury to persons involved.
Resulting in Personal Injury	Traffic accidents that resulted in injury to one or more persons involved, but no person died of injuries sustained in the crash within thirty days.
Resulting in Fatalities	One or more persons involved in the accident died of the injuries sustained, within thirty days.

Note that all corresponding rates are based on the total population

#### Explanatory Notes:

Data are derived from Motor Vehicle Accident Reports submitted to the Ontario Ministry of Transportation by investigating police departments. It should be noted that the county reported represents where the accident occurred, the driver involved *may* reside elsewhere in the province.

n the original source document data for Metropolitan Toronto was combined with York Region and Sudbury legional Municipality was combined with Sudbury Territorial District. For purposes of this publication data or these regions was distributed proportionately by population size of the subcomponents (ie. in 1992, 81.1% of the total population of Metropolitan and York Region resided in Metropolitan Toronto, hence, 81.1% of raffic crashes were assumed to have occurred in Metropolitan Toronto). Data as published in the original ource is presented in the next table.

Sources and Notes (Continued)

Original Region	Year	Property Damage	Personal Injury	Fatal
Sudbury District and	1991	163	144	8
Regional Municipality	1992	138	123	12
Metropolitan Toronto	1991	1,726	1,298	33
and York Region	1992	1,879	1,187	33

Sources and Notes (Continued	
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#### **ALCOHOL- AND DRUG-RELATED GENERAL HOSPITALS SEPARATIONS**

#### Source:

Information Planning and Evaluation Branch, Ontario Ministry of Health, unpublished data.

VARIABLE DEFINITIONS:	
Alcoholic Psychoses	International Classification of Diseases, 9th Revision (ICD-9) diagnostic code 291
Alcohol Dependence Syndrome	ICD-9 diagnostic code 303
Nondependent Abuse of Alcohol	ICD-9 diagnostic code 305.0
Chronic Liver Disease and Cirrhosis	ICD-9 diagnostic code 571
Toxic Effects of Alcohol	ICD-9 diagnostic code 980
Drug Psychoses	ICD-9 diagnostic code 292
Drug Dependence	ICD-9 diagnostic code 304
Nondependent Abuse of Drugs	ICD-9 diagnostic code 305.1 through 305.9
Poisoning by Analgesics, Antipyretics and Antirheumatics	ICD-9 diagnostic code 965
Poisoning by Sedatives and Hypnotics	ICD-9 diagnostic code 967
Poisoning by Psychotropic Agents	ICD-9 diagnostic code 969
Note that all corresponding rates are be	ased on the total population

#### **Explanatory Notes:**

A separation is defined as the discharge or death of an inpatient. These separations are organized according to the county where the patients reside and not necessarily where they were treated. Residents who were reated outside the province would not be included in the county separation data.

The data on separations are counts of cases and not patients, as an individual is counted on each occasion that ne or she stays in the hospitals. Only inpatient data on cases treated in general hospitals, including those reated in psychiatric units of general and allied special hospitals, are included. Excluded are cases treated as out-patients or as patients in mental hospitals.

Sources and	Notes	(Continue	d)
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Primary diagnosis refers to the most significant condition treated during hospitalization and only one primary diagnosis is recorded for each separation. Secondary diagnosis, on the other hand, describes other importation or complicating conditions that were also treated. Patients may be treated for up to fifteen secondary diagnoses, but for purposes of this monograph only the first occurrence of an alcohol or drug-related secondary diagnoses is recorded, and only when that diagnosis is associated with a primary diagnosis other than a alcohol or drug-related condition. For example, a patient with a primary alcohol-related disorder and secondary alcohol-related disorder would only be counted for the primary alcohol-related disorder. Similarly a person with a primary alcohol diagnosis and a secondary drug diagnosis would be counted as an alcohol related separation. Separations and not frequency of diagnoses have been calculated.

The medical conditions and diagnostic categories presented are based on the 9th Revision of the Internation Classification of Diseases (ICD-9) which was put into effect in Canada in 1979. A more complete description of the medical conditions included under each diagnostic category of the 9th Revision are presented in the **Technical Notes**.

Sources and Notes (Continued)	
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#### **ALCOHOL- AND DRUG-RELATED MENTAL HOSPITALS SEPARATIONS**

#### Source:

Mental Health Programs and Services, Ontario, Ministry of Health, unpublished data.

VARIABLE DEFINITIONS:		
Alcoholic Psychoses	International Classification of Diseases, 9th Revision (ICD-9) diagnostic code 291	
Alcohol Dependence Syndrome	ICD-9 diagnostic code 303	
Nondependent Abuse of Alcohol	ICD-9 diagnostic code 305.0	
Drug Psychoses	ICD-9 diagnostic code 292	
Drug Dependence	ICD-9 diagnostic code 304	
Nondependent Abuse of Drugs	ICD-9 diagnostic code 305.1 through 305.9	
Note that all corresponding rates are based on the total population		

#### **Explanatory Notes:**

Data on separations are counts of cases and not patients, as an individual is counted on each occasion that he or she stays in the hospital. Only inpatient data on cases treated in one of the province's 10 psychiatric nospitals are included. Excluded are individual patient data from psychiatric units of general hospitals, esidential treatment facilities including, and alcohol treatment agencies. These separations are organized according to county of patient residence and not necessarily where they were treated.

The medical conditions and diagnostic categories presented are based on the 9th Revision of the International Classification of Diseases (ICD-9) which was put into effect in Canada in 1979. A more complete description of the medical conditions included under each diagnostic category of the 9th Revision are presented in the **Fechnical Notes**.

Jsers should note that the 10 psychiatric hospitals are located in the following regions: Leeds and Grenville; Hamilton-Wentworth, Frontenac, Thunder Bay, Middlesex, Nipissing, Simcoe, Metropolitan Toronto, Elgin, and Durham. Generally, all of these regions except Hamilton-Wentworth, Durham and Metropolitan Toronto, nave separation rates in excess of the provincial rate. These high rates are likely a result of local availability and proximity to this type of resource.

Sources	and	Notes (	(Continued)	)
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#### ALCOHOL- AND DRUG-RELATED MORTALITY

#### Source:

Information Planning and Evaluation Branch, Ontario Ministry of Health, unpublished data.

Alcoholic Psychoses	International Classification of Diseases, 9th Revision (ICD-9) diagnostic code 291
Alcohol Dependence Syndrome	ICD-9 diagnostic code 303
Chronic Liver Disease and Cirrhosis	ICD-9 diagnostic code 571
Accidental Poisoning by Drugs, Medicaments and Biologicals	ICD-9 diagnostic codes E850 to E858
Suicide by Drugs, Medicaments and Biologicals	ICD-9 diagnostic codes E950.0 to E950.5
Poisoning by Drugs, Medicaments and Biologicals - Undetermined whether Accidental or Purposely Inflicted	ICD-9 diagnostic codes E980.0 to E980.5

#### **Explanatory Notes:**

Includes only those deaths, according to place of residence of the deceased, where the above diagnoses wer noted as the primary cause of death. A more complete description of the medical conditions included unde each diagnostic category of the 9th Revision are presented in the Technical Notes.

More detailed mortality data for the province, including estimated deaths indirectly due to alcohol, can b found in Part I, Tables 2.14, 2.15, 4.5, and 4.6.

Sources and Notes (Continued)	
POPULATION DATA	

Source:

Population Estimates Section, Demography Division, Statistics Canada <u>Estimates of Population by 5-year Age Groups and Sex: Census Divisions in Ontario, June 1, 1991</u>; also unpublished data obtained from Statistics Canada.

Readers will note that the population estimates have been completely revised using Statistics Canada's latest population estimates. Unlike previous population estimates, the new figures incorporate net census indercoverage. The net undercoverage results reflect estimates of incompletely enumerated persons and the inclusion of non-permanent residents such as refugees, student visa holders, foreign workers, persons holding iministers permit and their dependants. As a result most of the population estimates are higher and this has lightly lowered rates. The tables presented for previous years have also been adjusted according to the new population estimates. Therefore, these rates differ from, and are more accurate, than the rates for prior years presented in earlier provincial statistical editions.

All of the population estimates are measured in **thousands**. Data for the years 1986 to 1991 are final ntercensal population estimates for each census division. Final intercensal estimates are derived using the esults of two census years (ie. 1986 and 1991) and are not subject to additional revision.

Opulation estimates for 1992 are postcensal estimates. These estimates are calculated using the results of the 1992 census in conjunction with annual information on births, mortality and migration.

Detailed population data has been included to allow calculation of alternative rates (ie. rates per 1,000 population or rates per 100,000 population aged 15 etc.).

Sources and Notes (Concluded).

#### **Example:**

Consider Algoma county and total drivers involved in alcohol related traffic crashes resulting in propert damage:

Using this data the rate per 100,000 total population is calculated in the following manner:

$$Rate/100,000 = \frac{Number\ of\ occurrences}{Population} \times 100$$
$$= \frac{121}{133.3} \times 100$$
$$= 90.8$$

Note that the result was multiplied by 100 and not 100,000 because the population data is measured i thousands.

However, the vast majority of drinking and driving offences involve persons aged 16 and over (legal drivin age). As a result a more appropriate rate would be the number of offences per 100,000 population aged 16 an over. In the absence of detailed age data for the each county, the rate per 100,000 population aged 15 and over will be calculated:

1992 population 15 and over 104.7 (thousands)

$$Rate/100,000 = \frac{Number of occurrences}{Population} \times 100$$
$$= \frac{121}{104.7} \times 100$$
$$= 115.6$$

Part V \_\_\_\_

### TECHNICAL NOTES

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#### **ALCOHOL-RELATED LEGAL OFFENCES**

In Canada, drinking and driving is a criminal offence and is defined under the Criminal Code. Offences and maximum penalties are outlined in the following table. In additional to the penalties defined in this table, each of the provinces also have their own legislations regarding traffic offences. For instance, in Ontario, in additional to the federal penalty, the province also enforces license suspension penalties.

Offence	Federal Penalties
Impaired Driving:	Minimum penalty:*
Driving with blood alcohol over 80 mg %	First Offence: \$300 fine and three months driving prohibition
Failing to provide a breath or bloods sample without a	Second Offence: 14 days imprisonment and six months driving prohibition
reasonable excuse	Subsequent Offence: 90 days imprisonment and one year's driving prohibition
	Maximum penalty for first, second, or subsequent offences:
	Summary Conviction:
	\$2,000 fine, six months imprisonment and three years driving prohibition
	Indictment:
	five years imprisonment and three years driving prohibition
Impaired driving causing death	Maximum Penalty:* 14 years imprisonment and 10 years driving prohibition
Impaired driving causing bodily harm	Maximum Penalty:* 10 years imprisonment and 10 years driving prohibition

**Source:** Adapted from Ontario Ministry of Attorney General, <u>Drinking and Driving - You Can Lose a Lot More than Your Licence Drinking and Driving</u> (Toronto: Ministry of the Attorney General, undated).

In addition to these penalties the court may impose a fine of any amount.

<b>Technical Notes (C</b>	ontinued
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Offence

#### DRUG-RELATED LEGAL OFFENCES

Drug-related offences fall under either the Narcotic Control Act or the Food and Drugs Act. The next tw tables provide a summary of the drugs each act covers, as well as, the defined offences and corresponding maximum penalties.

Maximum Penalty

Offence	Maximum Penalty
NARCOTIC CONTROL ACT	
Over 100 substances are mentioned in t	the Narcotic Control Act including:
	ridine, codeine, hydrocodone, hydromorphone, ne, pentazocine, pethidine and phencyclidine
Possession	Summary conviction - first offence: 6 months and \$1,000 fine - subsequent offence: 1 year and \$2,000 fine Indictment - 7 years
Trafficking	Indictment - life
Possession for the purpose of trafficking	Indictment - life
Cultivation	Indictment - 7 years
Importing or exporting	Indictment - life
Prescription shopping (multiple doctoring)	Summary conviction - first offence: 6 months & \$1,000 fine - subsequent offence: 1 year and \$2,000 fine Indictment - 7 years

Technical Notes (Continued)	
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### **ALCOHOL-RELATED LEGAL OFFENCES** (Concluded)

Offence	Maximum Penalty
FOOD AND DRUG ACT - CONTROLL Schedule G contains about 15 drugs that ge amphetamines, barbiturates, diethylpro	ED DRUGS (PART III, SCHEDULE G) nerally have both medical and non-medical uses including: pion, methamphetamine, methylphenidate, phentermine
Trafficking	Summary conviction - 18 months Indictment - 10 years
Possession for the purpose of trafficking	Summary conviction - 18 months Indictment - 10 years
Prescription shopping (multiple doctoring)	Summary conviction - first offence: 6 months or \$1,000 fine - subsequent offence: 1 year or \$2,000 fine Indictment - 3 years or \$5,000 fine
FOOD AND DRUGS ACT - RESTRICT Schedule H contains about 25 drugs that get LSD,	
Possession	Summary conviction - first offence: 6 months or \$1,000 fine - subsequent offence: 1 year and \$2,000 fine Indictment - 3 years and \$5,000 fine
Trafficking	Summary conviction - 18 months Indictment - 10 years
Possession for the purpose of trafficking	Summary conviction - 18 months Indictment - 10 years

Source: Adapted from Robert Solomon and Sydney J. Usprich, <u>An Introduction to Canadian Drug and Alcohol Law for Educators</u> (Toronto: Addiction Research Foundation, 1990).

Technical Notes (Co	ontinu	eaı
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#### ALCOHOL AND DRUG-RELATED DIAGNOSTIC CATEGORIES

The medical conditions and diagnostic categories presented are based on the 9th Revision of the International Classification of Diseases (ICD-9) which was put into effect in Canada in 1979.

ALCOHOL AND DRUG-RELATED DIAGNOSTIC CATEGORIES		
Description	ICD-9 Components	
Alcoholic Psychoses	291.0 Delirium tremens 291.1 Korsakov's psychosis, alcoholic - Alcoholic polyneuritic psychosis 291.2 Other alcoholic dementia 291.3 Other alcoholic hallucinosis 291.4 Pathological drunkenness 291.5 Alcoholic jealousy - Alcoholic paranoia 291.8 Other - Alcohol withdrawal syndrome 291.9 Unspecified - Alcoholic: mania, psychosis; Alcoholism (Chronic) with psychosis	
Drug Psychoses	292.0 Drug withdrawal syndrome 292.1 Paranoid and/or hallucinatory states induced by drugs 292.2 Pathological drug intoxication 292.8 Other 292.9 Unspecified	
Alcohol Dependence Syndrome	303 Acute drunkenness in alcoholism; Chronic alcoholism; Dipsomania	
Drug Dependence	304.0 Morphine type 304.1 Barbiturate type 304.2 Cocaine 304.3 Cannabis 304.4 Amphetamine type and other psychostimulants 304.5 Hallucinogens 304.6 Other - Absinthe addiction; Glue sniffing 304.7 Combinations of morphine type drug with any other 304.8 Combinations excluding morphine type drug 304.9 Unspecified - Drug addiction; Drug dependence	
Nondependent Abuse of Alcohol	305.0 Alcohol - Drunkenness; Excessive drinking of alcohol; "Hangover", Inebriety	
Nondependent Abuse of Drugs	305.1 Tobacco - Tobacco dependence 305.2 Cannabis 305.3 Hallucinogens - LSD reaction	

Technical Notes (Continued)

ALCOHOL AND DRUG-RELATED DIAGNOSTIC CATEGORIES (Continued)			
Description	ICD-9 Components		
Nondependent Abuse of Drugs (Concluded)	305.4 Barbiturates and tranquillizers 305.5 Morphine type 305.6 Cocaine type 305.7 Amphetamine type 305.8 Antidepressants 305.9 Other, mixed or unspecified		
Chronic Liver Disease and Cirrhosis	571.0 Alcoholic fatty liver 571.1 Acute alcoholic hepatitis 571.2 Alcoholic cirrhosis of liver - Laennec's cirrhosis 571.3 Alcoholic liver damage, unspecified 571.4 Chronic hepatitis 571.5 Cirrhosis of liver without mention of alcohol 571.6 Biliary cirrhosis 571.8 Other chronic nonalcoholic liver disease 571.9 Unspecified chronic liver disease without mention of alcohol.		
Toxic Effects of Alcohol	980.0 Ethyl alcohol 980.1 Methyl alcohol 980.2 Isopropyl alcohol 980.3 Fusel oil - Alcohol: amyl, butyl, propyl 980.8 Other 980.9 Unspecified		
Poisoning by Analgesics, Antipyretics, and Antirheumatics	965.0 Opiates and related narcotics 965.1 Salicylates 965.2 Aromatic analgesics, not elsewhere classified 965.3 Pyrazole derivatives 965.4 Antirheumatics (antiphlogistics) 965.5 Other non-narcotic analgesics 965.8 Other 965.9 Unspecified		
Poisoning by Sedatives and Hypnotics	967.0 Barbiturates 967.1 Chloral hydrate group 967.4 Methaqualone compounds 967.2 Paraldehyde 967.3 Bromide compounds 967.5 Glutethimide group 967.6 Mixed sedatives, not elsewhere classified		

Description	G-RELATED DIAGNOSTIC CATEGORIES (Concluded)  ICD-9 Components
Poisoning by Sedatives and Hypnotics (Concluded)	967.6 Mixed sedatives, not elsewhere classified 967.8 Other 967.9 Unspecified
Poisoning by Psychotropic Agents	969.0 Antidepressants 969.1 Phenothiazine-based tranquillizers 969.4 Benzodiazepine-based tranquillizers 969.2 Butyrophenone-based tranquillizers 969.3 Other antipsychotics, neuroleptics and major tranquillizers 969.5 Other tranquillizers 969.6 Psychodysleptics (hallucinogens) 969.7 Psychostimulants 969.8 Other psychotropic agents 969.9 Unspecified
Accidental Poisoning by Drugs, Medicaments and Biologicals	E850 Analgesics, Antipyretics, and Antirheumatics E851 Barbiturates E852 Other Sedatives and Hypnotics E853 Tranquillizers E854 Other Psychotropic Agents E855 Other Drugs acting on the Central Nervous System and autonomic nervous system E856 Antibiotics E857 Anti-infectives E858 Other drugs
Suicide by Drugs, Medicaments and Biologicals	E950.0 Analgesics, antipyretics and antirheumatics E950.1 Barbiturates E950.2 Other sedatives and hypnotics E950.3 Tranquillizers and other psychotropic agents E950.4 Other specified drugs and medicaments E950.5 Unspecified drug or medicament
Poisoning by Drugs, Medicaments and Biologicals - Undetermined whether Accidental or Purposely Inflicted	E980.0 Analgesics, antipyretics and antirheumatics E980.1 Barbiturates E980.2 Other sedatives and hypnotics E980.3 Tranquillizers and other psychotropic agents E980.4 Other specified drugs and medicaments E980.5 Unspecified drug or medicament

<b>Technical Notes</b>	(Continued)	

#### RATES AND THEIR CALCULATION

In addition to the "raw" data or occurrences of events, corresponding rates per 100,000 population have also been calculated in this report. Rates provide a crude method for comparing the occurrence of specified events between different regions or age groups. For example, how does 10 occurrences of a event in Lanark county compare with the occurrence of 100 similar events in Metropolitan Toronto. On one level 10 times more events occurred in Toronto, however the population of Toronto is 40 times greater than Lanark county. Calculating the rate of this event would indicate that the rate of occurrence in Lanark county is about 4 times the rate of occurrence in Metropolitan Toronto.

Another issue that has to be considered is the approximate group experiencing a given event. Due to space limitations and to minimize confusion all rates in this report (with the exception of alcohol consumption) were calculated using the total population. Rates could have been calculated using the population aged 15 and over for example. Use of age specific groups to determine rates is an attempt to determine the extent of a problem within the group that is primarily at risk. Rates involving drinking and driving offences are often calculated using the population aged 16 and over. Although some offences will involve persons under the age of 16, by far the largest proportion involve persons aged 16 and over. As a result calculation of rates using the population aged sixteen and over provides a better indication of the occurrence of an event in the population that is primarily at risk.

Similarly, to obtain a better indication of per capita consumption of absolute alcohol consumption, the population aged 15 and over is used. In this case, although the legal drinking age is 19, surveys indicate that younger persons do consume alcohol. By using the population aged 15 and over it is hoped that the resulting per person estimate of absolute alcohol consumption will provide a closer approximation of the true alcohol consumption level.

All of the rates presented in this report are crude rates. No standardization has been attempted to remove the effects of differences in age structure between regions or changes that have evolved over time. In general all calculated rates are per 100,000 population.

Example rate calculations have been presented in the Sources and Notes section dealing with population data.



## Also Available

# Canadian Profile Alcohol, Tobacco and Other Drugs

This statistical sourcebook provides data on alcohol, tobacco and drug use across the country, including consumption, social attitudes towards drugs and alcohol, economic aspects, and legal issues. It is a comprehensive reference book for community health centres and treatment counsellors.

# International Profile Alcohol and Other Drugs

This compilation of statistics provides an overview of drug, alcohol and tobacco use and abuse in more than 160 countries. Data is provided for each of the past ten years, clearly illustrating trends. Features include information on coffee and tea production, reported AIDS cases, suicides, population, longevity and birth rates.

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